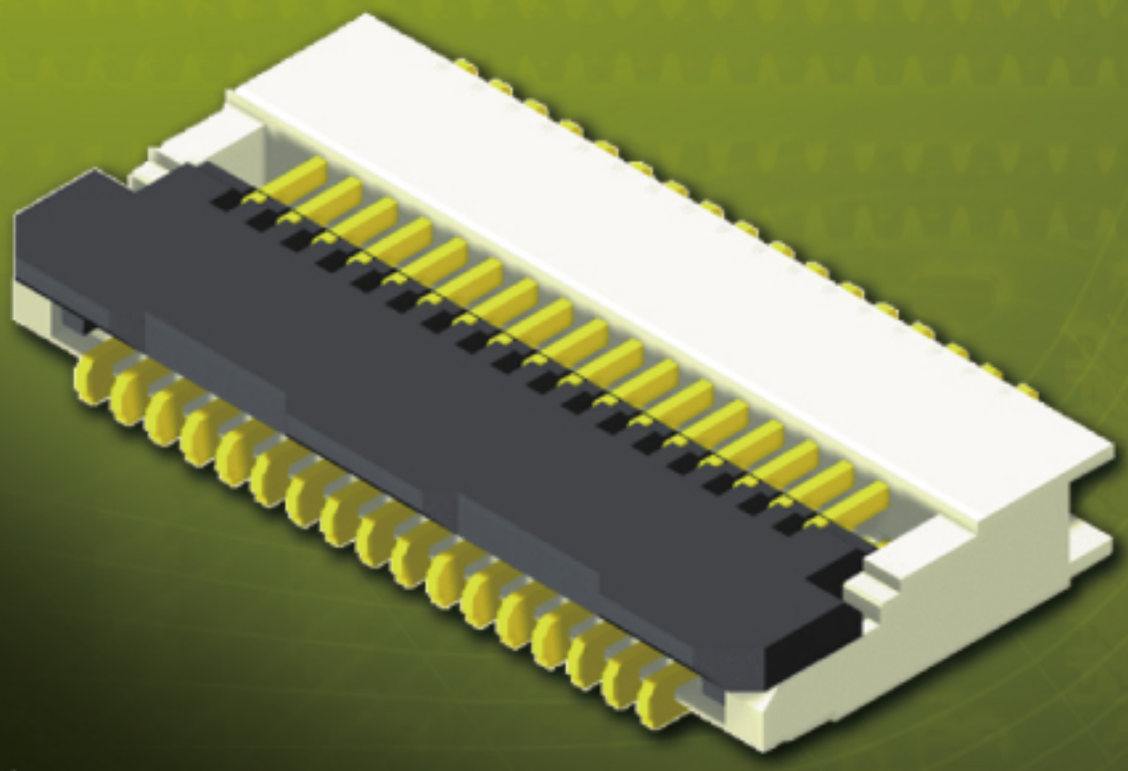
FPC / FFC Connectors

4-1~4-37 • FPC

4-38 • Flat Cable

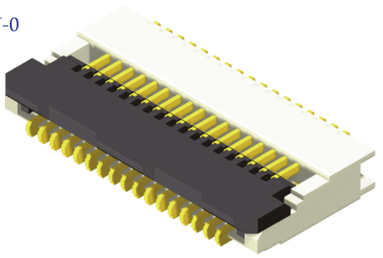


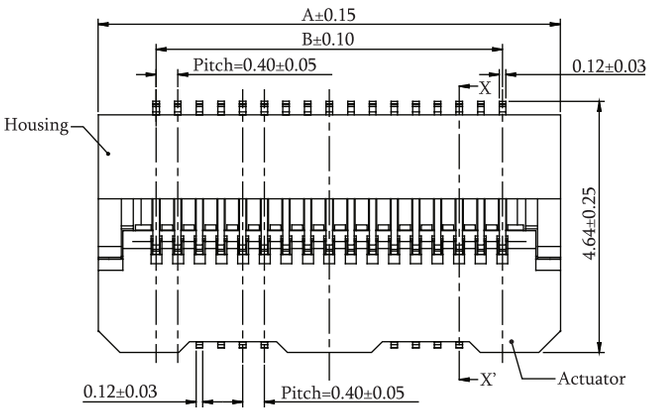
AMTEK Technology Co., Ltd

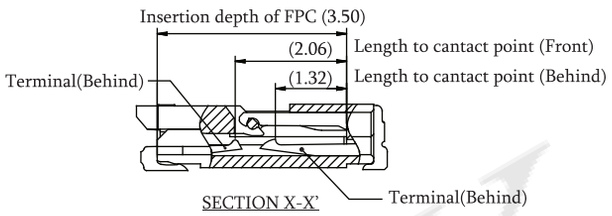
FPC/FFC 0.2mm ZIF SMT R/A Type Side Entry Flip For FFC T=0.2mm

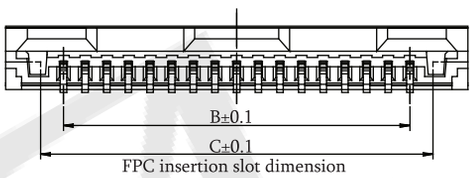
Specifications
Current Rating:0.25 AMP
Insulation Resistance:100MΩ Min.
Contact Resistance:20mΩ Max.
Dielectric Voltage:120V AC for one minute
Operation Temperature:-55℃ to +85℃

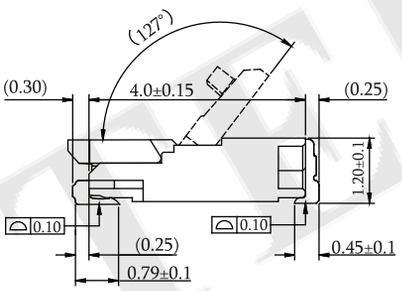
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Gold Plated

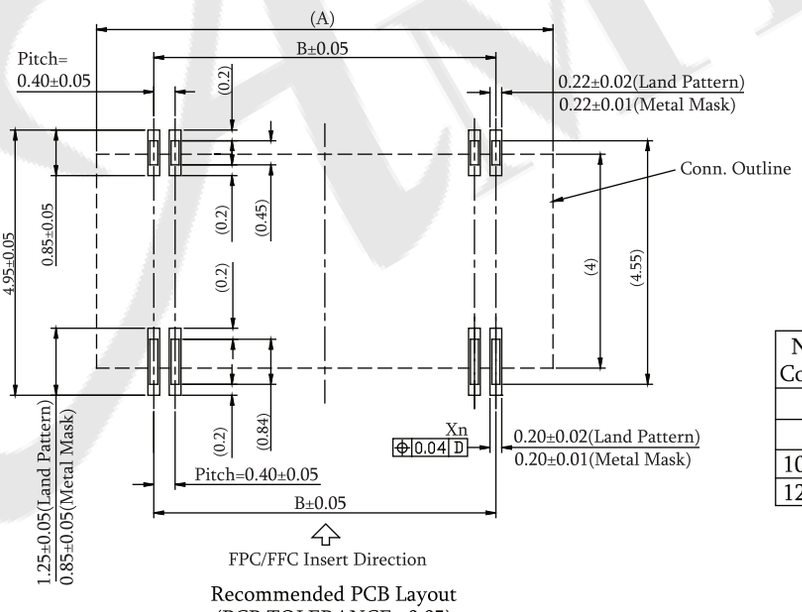












Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			n
	A	B	C	
60	13.74	11.60	12.47	30
80	17.74	15.60	16.47	40
100(A1)	21.74	19.60	20.47	50
120(A2)	25.74	23.60	24.47	60

ORDER INFORMATION

5 F C 9 A M R N C - X X G 0 W U H - 0 1

- XX: No. of Contacts — 60,80,100(A1),120(A2)
- G0: G0:Gold Plated
- W: White insulator
- U: U:RoHS + LCP
- H: H:Tape & Reel, W/O Cap

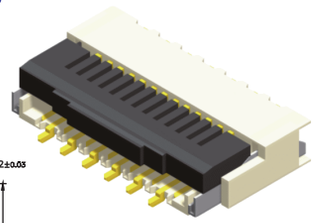
◎:Standard Recommend

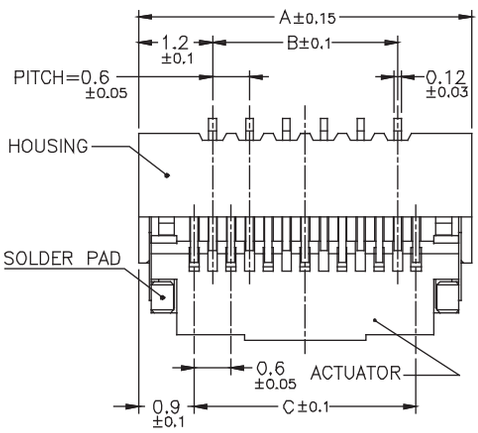
Old P/N:FPC9AMR1C

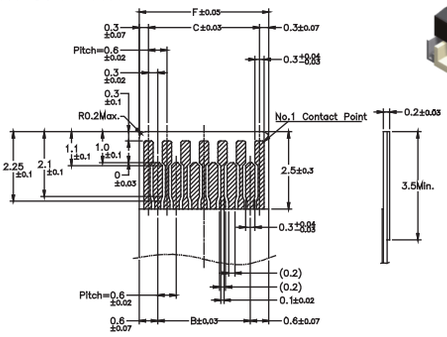
FPC/FFC 0.3mm ZIF SMT R/A Type Side Entry Flip For FFC T=0.2mm

Specifications
Current Rating:0.2 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:40mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55℃ to +85℃

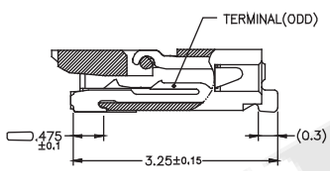
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Gold Plated



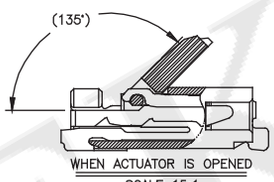




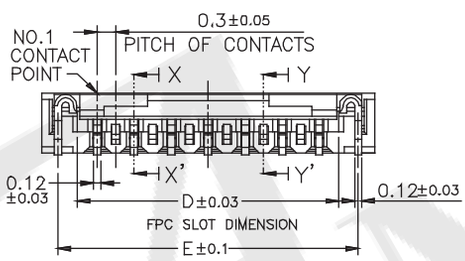
APPLICABLE FPC

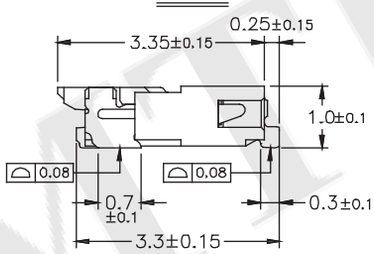


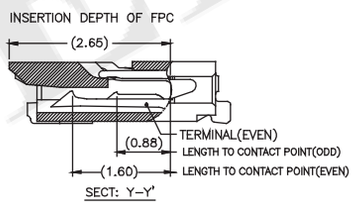
SECT: X–X'



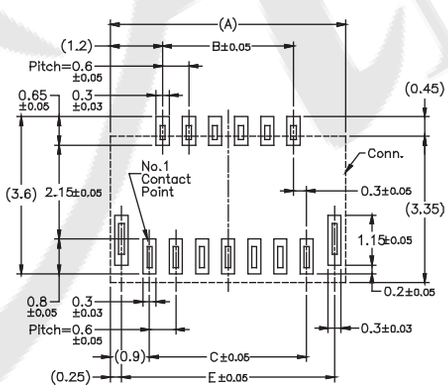
SCALE 15:1







SECT: Y–Y'



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No.of Contacts	Dim.A	Dim.B	Dim.C	Dim.D	Dim.E	Dim.F
09	4.2	1.8	2.4	3.03	3.7	3.0
11	4.8	2.4	3.0	3.63	4.3	3.6
13	5.4	3.0	3.6	4.23	4.9	4.2
15	6.0	3.6	4.2	4.83	5.5	4.8
17	6.6	4.2	4.8	5.43	6.1	5.4
19	7.2	4.8	5.4	6.03	6.7	6.0
21	7.8	5.4	6.0	6.63	7.3	6.6
23	8.4	6.0	6.6	7.23	7.9	7.2
25	9.0	6.6	7.2	7.83	8.5	7.8
27	9.6	7.2	7.8	8.43	9.1	8.4
29	10.2	7.8	8.4	9.03	9.7	9.0
31	10.8	8.4	9.0	9.63	10.3	9.6
33	11.4	9.0	9.6	10.23	10.9	10.2
35	12.0	9.6	10.2	10.83	11.5	10.8
37	12.6	10.2	10.8	11.43	12.1	11.4
39	13.2	10.8	11.4	12.03	12.7	12.0
41	13.8	11.4	12.0	12.63	13.3	12.6
43	14.4	12.0	12.6	13.23	13.9	13.2
45	15.0	12.6	13.2	13.83	14.5	13.8
49	16.2	13.8	14.4	15.03	15.7	15.0
51	16.8	14.4	15.0	15.63	16.3	15.6
57	18.6	16.2	16.8	17.43	18.1	17.4
61	19.8	17.4	18.0	18.63	19.3	18.6
67	21.6	19.2	19.8	20.43	21.1	20.4
71	22.8	20.4	21.0	21.63	22.3	21.6

ORDER INFORMATION

5	F	C	6	A	M	R	N	C	-	X	X	G	0	W	U	H	-	0	1

- XX: No. of Contacts
- G0: G0:Gold Plated
- W: White Insulator
- U: U:RoHS + LCP
- H: H:Tape & Reel, W/O Cap

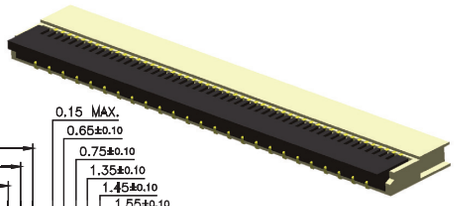
◎:Standard Recommend

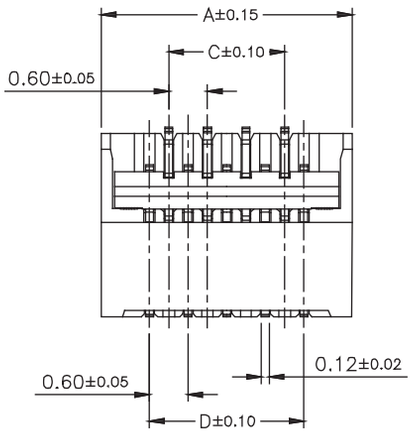
Old P/N:FPC6AMR1

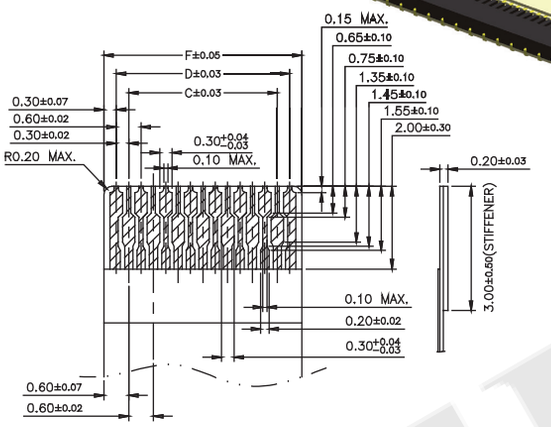
FPC/FFC 0.3mm ZIF SMT R/A Type Side Entry Flip H=0.9mm

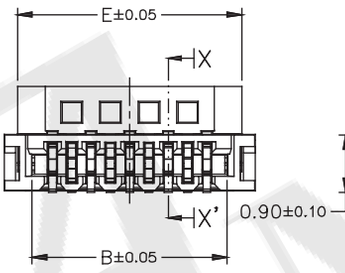
Specifications
Current Rating:0.2 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:100mΩ Max.
Dielectric Voltage:150V AC for one minute
Operation Temperature:-55℃ to +85℃

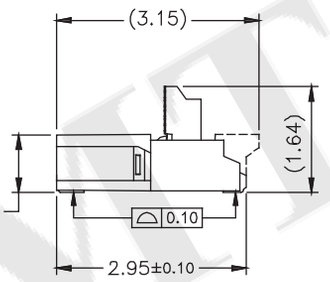
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Phosphor Bronze
Plated:Gold Plated

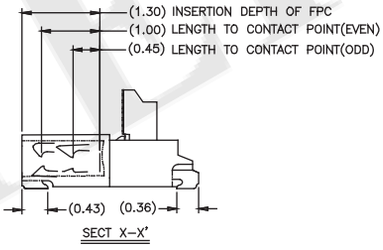


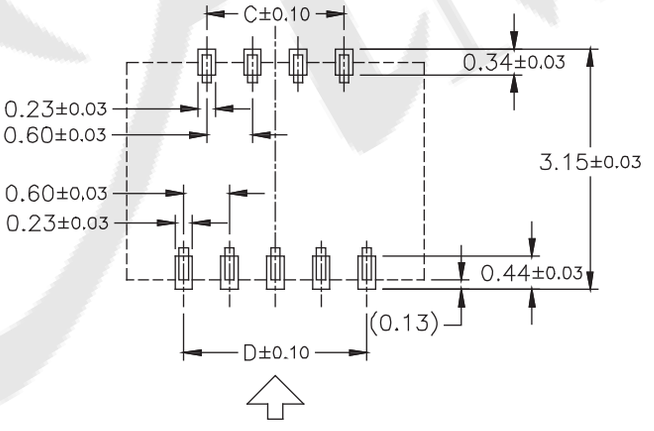












Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions					
	A	B	C	D	E	F
13	5.10	4.23	3.00	3.60	4.67	4.20
15	5.70	4.83	3.60	4.20	5.27	4.80
17	6.30	5.43	4.20	4.80	5.87	5.40
19	6.90	6.03	4.80	5.40	6.47	6.00
21	7.50	6.63	5.40	6.00	7.07	6.60
23	8.10	7.23	6.00	6.60	7.67	7.20
25	8.70	7.83	6.60	7.20	8.27	7.80
27	9.30	8.43	7.20	7.80	8.87	8.40
29	9.90	9.03	7.80	8.40	9.47	9.00
31	10.50	9.63	8.40	9.00	10.07	9.60
33	11.10	10.23	9.00	9.60	10.67	10.20
35	11.70	10.83	9.60	10.20	11.27	10.80
37	12.30	11.43	10.20	10.80	11.87	11.40
39	12.90	12.03	10.80	11.40	12.47	12.00
41	13.50	12.63	11.40	12.00	13.07	12.60
43	14.10	13.23	12.00	12.60	13.67	13.20
45	14.70	13.83	12.60	13.20	14.27	13.80
51	16.50	15.63	14.40	15.00	16.07	15.60
61	19.50	18.63	17.40	18.00	19.08	18.60

ORDER INFORMATION

5 F C 6 A M R C C - X X G 0 W U H - 0 3

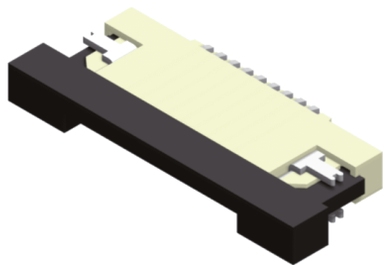
- 5FC6AMRCC-XX: No. of Contacts
- G0: Gold Plated
- W: White Insulator
- U: RoHS +Nylon 6T
- H: Tape & Reel, W/O Cap

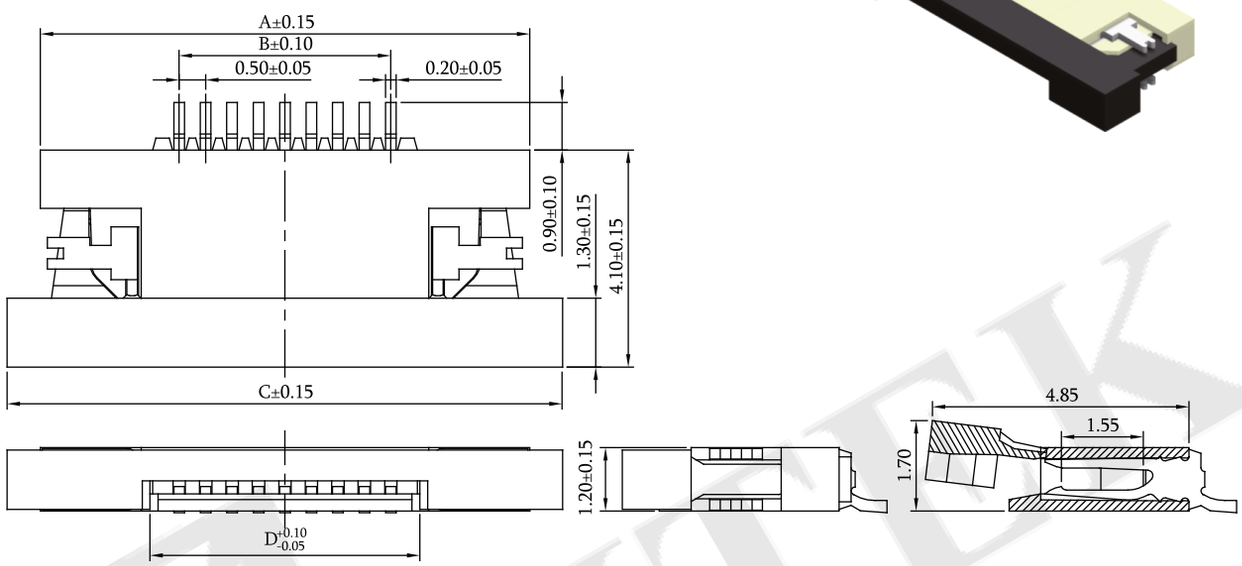
◎ :Standard Recommend

FPC/FFC 0.5mm Slim SMT R/A Type Side Entry Drawer H=1.20mm

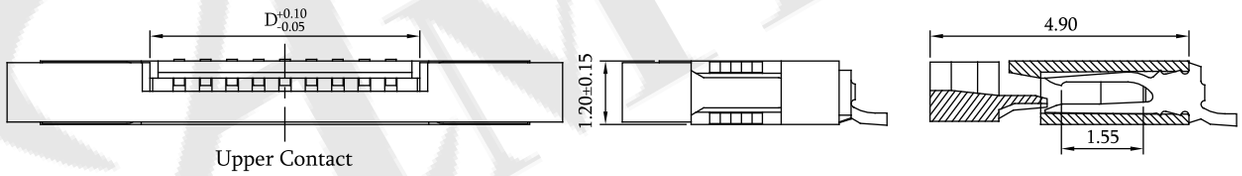
Specifications
Current Rating:0.4 AMP
Insulation Resistance:50MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55°C to +85°C

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

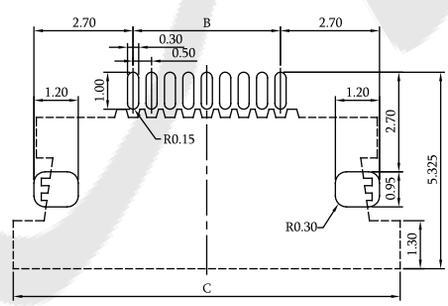




Bottom Contact



Upper Contact



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
04	6.75	1.50	8.00	2.60	26	17.75	12.50	19.00	13.60
05	7.25	2.00	8.50	3.10	28	18.75	13.50	20.00	14.60
06	7.75	2.50	9.00	3.60	30	19.75	14.50	21.00	15.60
08	8.75	3.50	10.00	4.60	32	20.75	15.50	22.00	16.60
10	9.75	4.50	11.00	5.60	33	21.25	16.00	22.50	17.10
12	10.75	5.50	12.00	6.60	34	21.75	16.50	23.00	17.60
14	11.75	6.50	13.00	7.60	35	22.25	17.00	23.50	18.10
15	12.25	7.00	13.50	8.10	36	22.75	17.50	24.00	18.60
16	12.75	7.50	14.00	8.60	39	24.25	19.00	25.50	20.10
18	13.75	8.50	15.00	9.60	40	24.75	19.50	26.00	20.60
20	14.75	9.50	16.00	10.60	44	26.75	21.50	28.00	22.60
22	15.75	10.50	17.00	11.60	45	27.25	22.00	28.50	23.10
24	16.75	11.50	18.00	12.60	50	29.75	24.50	31.00	25.60

ORDER INFORMATION

5	F	S	4	A	M	R	X	C	-	X	X	T	0	W	U	H	-	0	1

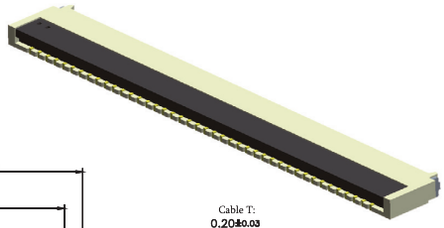
- S: S:Slim Type
- X: B:Bottom Contact / U:Upper Contact
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS + Nylon 46
- H: H:Tape & Reel, W/O Cap
- 01: Old P/N:FPC4AMRT1

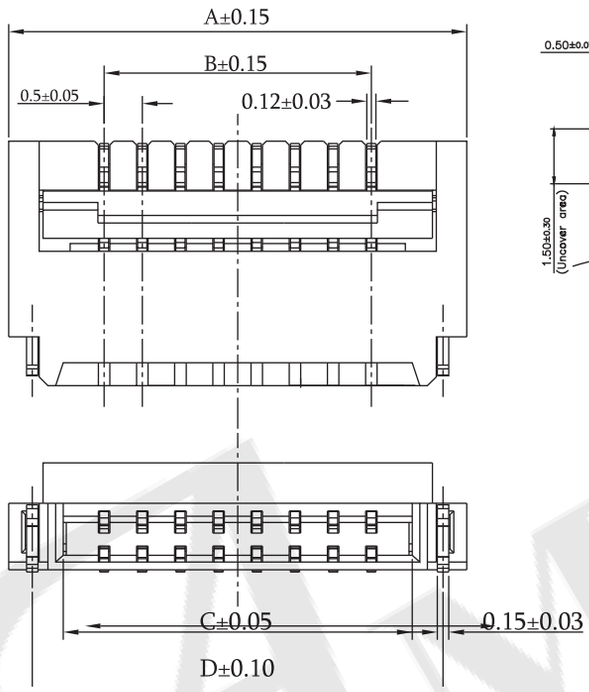
◎:Standard Recommend

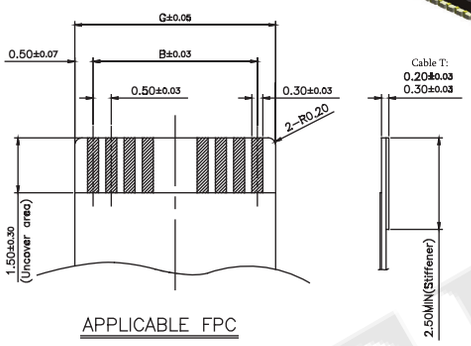
FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Flip H=0.9 / 0.95mm

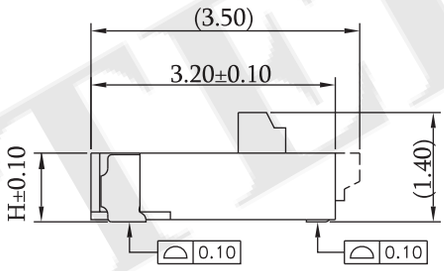
Specifications
Current Rating:0.5 AMP
Voltage Rating:50V AC
Insulation Resistance:500MΩ Min.
Contact Resistance:100mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55°C to +85°C

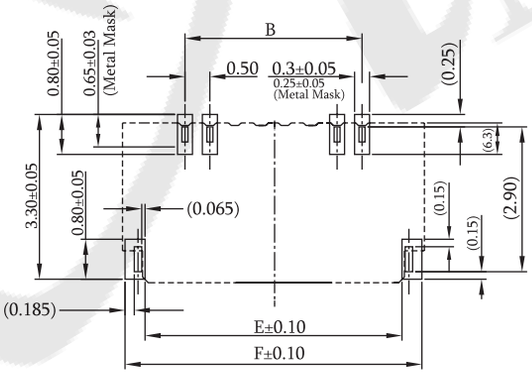
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Gold Plated











Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions							
	A	B	C	D	E	F	G	H
04	4.00	1.50	2.57	3.38	3.10	3.90	2.50	0.90
06	5.00	2.50	3.57	4.38	4.10	4.90	3.50	
08	6.00	3.50	4.57	5.38	5.10	5.90	4.50	
10	7.00	4.50	5.57	6.38	6.10	6.90	5.50	
12	8.00	5.50	6.57	7.38	7.10	7.90	6.50	
13	8.50	6.00	7.07	7.88	7.60	8.40	7.00	
14	9.00	6.50	7.57	8.38	8.10	8.90	7.50	
15	9.50	7.00	8.07	8.88	8.60	9.40	8.00	
16	10.00	7.50	8.57	9.38	9.10	9.90	8.50	
20	12.00	9.50	10.57	11.38	11.10	11.90	10.50	
22	13.00	10.50	11.57	12.38	12.10	12.90	11.50	
24	14.00	11.50	12.57	13.38	13.10	13.90	12.50	
25	14.50	12.00	13.07	13.88	13.60	14.40	13.00	0.95
26	15.00	12.50	13.57	14.38	14.10	14.90	13.50	
30	17.00	14.50	15.57	16.38	16.10	16.90	15.50	
34	19.00	16.50	17.57	18.38	18.10	18.90	17.50	
40	22.00	19.50	20.57	21.38	21.10	21.90	20.50	
42	23.00	20.50	21.57	22.38	22.10	22.90	21.50	
50	27.00	24.50	25.57	26.38	26.10	26.90	25.50	

ORDER INFORMATION

5	F	C	4	A	M	R	C	C	-	X	X	G	0	W	U	H	-	0	X

- XX: No. of Contacts
- G0: G0:Gold Plated
- W: White Insulator
- U: U:RoHS +Nylon 6T
- H: H:Tape & Reel, W/O Cap
- X: Cable T
  1:T=0.20
  2:T=0.30

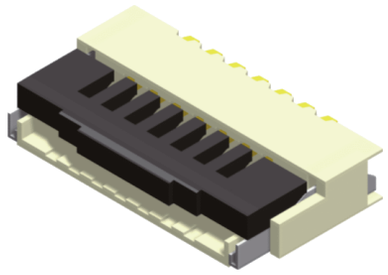
◎:Standard Recommend

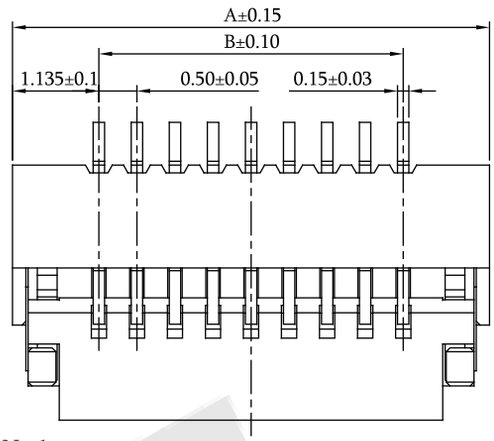
Old P/N:FPC4AMRB1

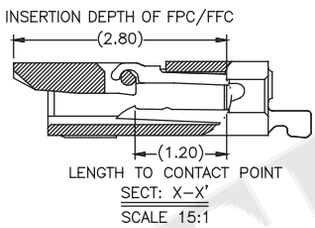
FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Flip H=1.0mm

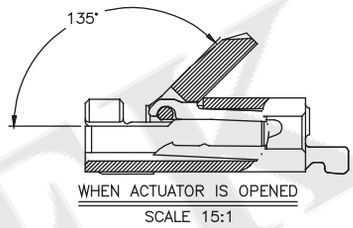
Specifications
Current Rating:0.5 AMP
Insulation Resistance:50MΩ Min.
Contact Resistance:40mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55℃ to +85℃

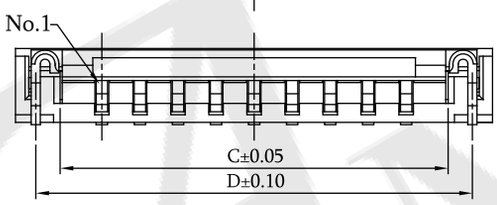
Material
Insulator:High Temperature Thermoplastic,UL 94V-0
Terminal:Copper Alloy
Plated:Gold Palted

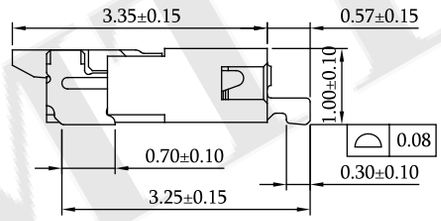


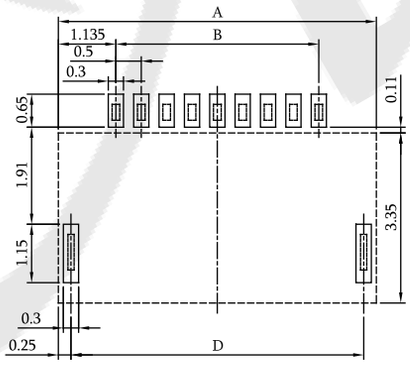












Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
04	3.77	1.50	2.60	3.27	23	13.27	11.00	12.10	12.77
05	4.27	2.00	3.10	3.77	24	13.77	11.50	12.60	13.27
06	4.77	2.50	3.60	4.27	26	14.77	12.50	13.60	14.27
07	5.27	3.00	4.10	4.77	27	15.27	13.00	14.10	14.77
08	5.77	3.50	4.60	5.27	28	15.77	13.50	14.60	15.27
09	6.27	4.00	5.10	5.77	29	16.27	14.00	15.10	15.77
10	6.77	4.50	5.60	6.27	30	16.77	14.50	15.60	16.27
12	7.77	5.50	6.60	7.27	32	17.77	15.50	16.60	17.27
13	8.27	6.00	7.10	7.77	33	18.27	16.00	17.10	17.77
14	8.77	6.50	7.60	8.27	34	18.77	16.50	17.60	18.27
15	9.27	7.00	8.10	8.77	35	19.27	17.00	18.10	18.77
16	9.77	7.50	8.60	9.27	36	19.77	17.50	18.60	19.27
17	10.27	8.00	9.10	9.77	38	20.77	18.50	19.60	20.27
18	10.77	8.50	9.60	10.27	39	21.27	19.00	20.10	20.77
19	11.27	9.00	10.10	10.77	40	21.77	19.50	20.60	21.27
20	11.77	9.50	10.60	11.27	43	23.27	21.00	22.10	22.77
21	12.27	10.00	11.10	11.77	45	24.27	22.00	23.10	23.77
22	12.77	10.50	11.60	12.27	50	26.77	24.50	25.60	26.27

ORDER INFORMATION

5	F	C	4	A	M	R	N	C	-	X	X	G	0	W	U	H	-	0	1

- XX: No. of Contacts
- G0: G0:Gold Plated
- W: White Insulator
- U: U:RoHS + LCP
- H: H:Tape & Reel, W/O Cap

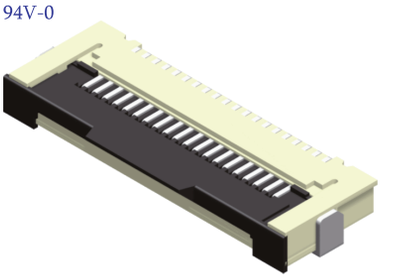
◎:Standard Recommend

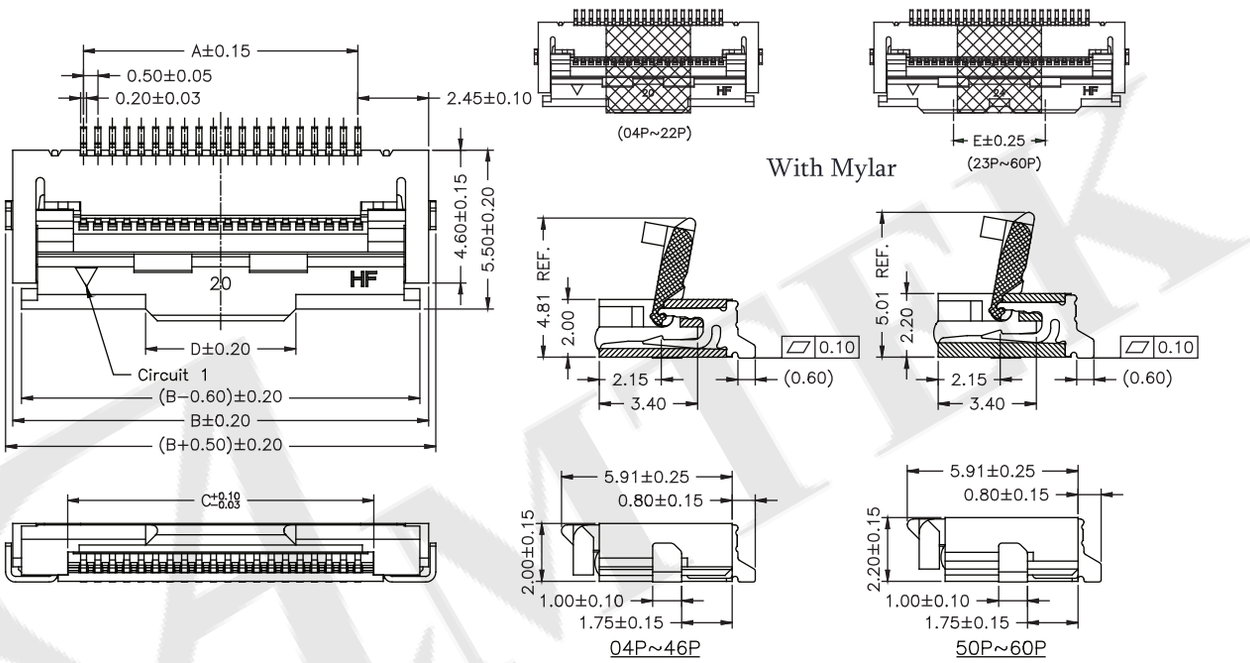
Old P/N:FPC4AMR1B

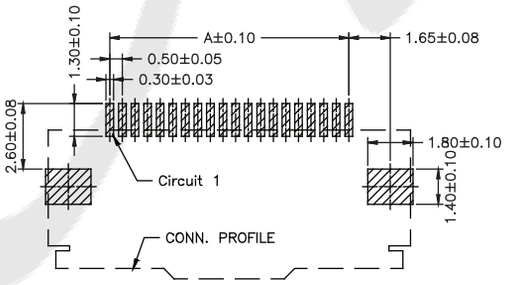
FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Flip H=2.0mm

Specifications
Current Rating: 0.5 AMP
Voltage Rating: 50V AC,DC
Insulation Resistance: 100MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 250V AC for one minute
Operation Temperature: -25°C to +85°C

Material
Insulator: High Temperature Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Plated: Tin Plated







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions A	B	C	D	E	No. of Contacts	Dimensions A	B	C	D	E
04	1.50	6.40	2.60	2.20		27	13.00	17.90	14.10		7.00
06	2.50	7.40	3.60			28	13.50	18.40	14.60		
07	3.00	7.90	4.10	2.70		29	14.00	18.90	15.10		7.50
08	3.50	8.40	4.60			30	14.50	19.40	15.60		
09	4.00	8.90	5.10			31	15.00	19.90	16.10		8.00
10	4.50	9.40	5.60			32	15.50	20.40	16.60		
11	5.00	9.90	6.10	4.70		33	16.00	20.90	17.10		8.50
12	5.50	10.40	6.60			34	16.50	21.40	17.60		
13	6.00	10.90	7.10			35	17.00	21.90	18.10		9.00
14	6.50	11.40	7.60			36	17.50	22.40	18.60	5.20	
15	7.00	11.90	8.10			37	18.00	22.90	19.10		9.50
16	7.50	12.40	8.60			38	18.50	23.40	19.60		10.00
17	8.00	12.90	9.10			39	19.00	23.90	20.10		10.50
18	8.50	13.40	9.60			40	19.50	24.40	20.60		13.50
19	9.00	13.90	10.10	5.20		42	20.50	25.40	21.60		14.50
20	9.50	14.40	10.60			45	22.00	26.90	23.10		14.30
21	10.00	14.90	11.10			46	22.50	27.40	23.60		
22	10.50	15.40	11.60			50	24.50	29.40	25.60		6.50
23	11.00	15.90	12.10			54	26.50	31.40	27.60		8.00
24	11.50	16.40	12.60	4.70	6.00	55	27.00	31.90	28.10		
25	12.00	16.90	13.10			60	29.50	34.40	30.60		
26	12.50	17.40	13.60	5.20	6.50						

ORDER INFORMATION

5	F	C	4	A	M	R	N	A	-	X	X	T	0	W	U	H	-	0	1

- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS + Nylon 6T
- H: H:Tape & Reel, With Mylar

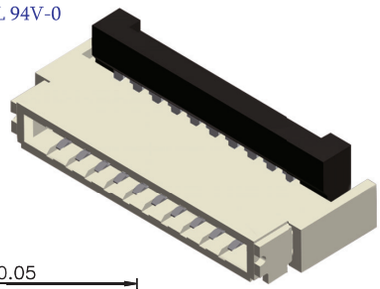
◎:Standard Recommend

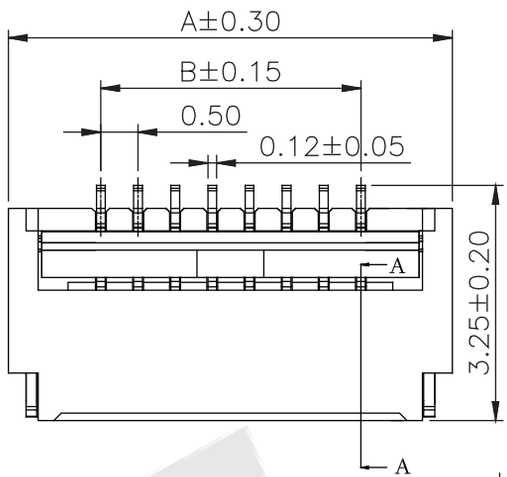
Old P/N:FPC4AMR8C

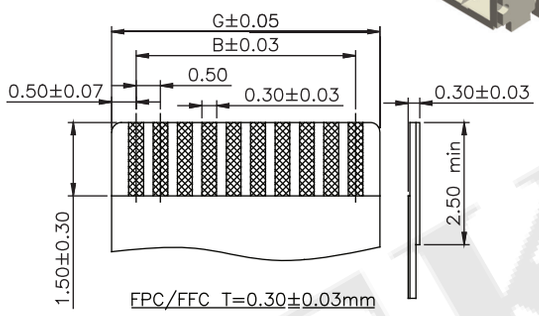
FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Back Flip H=1.0mm

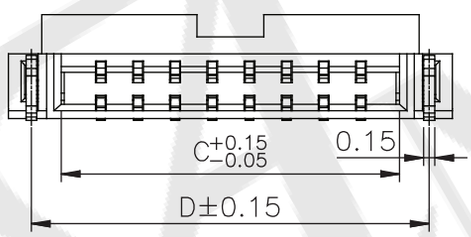
Specifications
Current Rating: 0.2 AMP
Voltage Rating: 30V AC,DC
Insulation Resistance: 50MΩ Min.
Contact Resistance: 40mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-20°C to +85°C

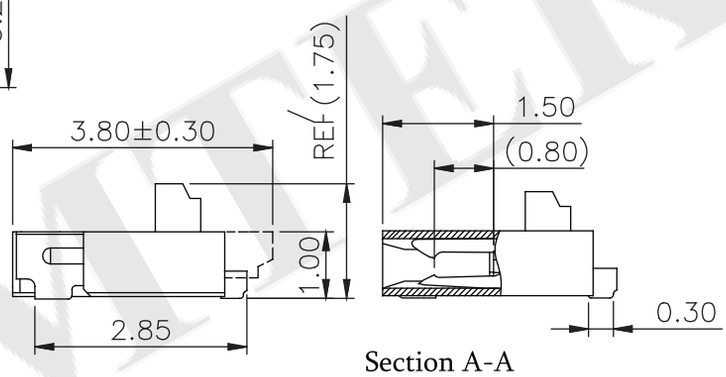
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Gold / Tin Plated



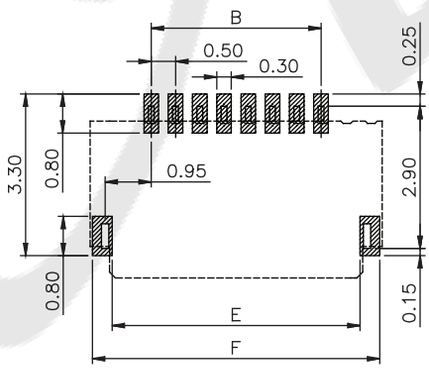








Section A-A



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions						
	A	B	C	D	E	F	G
4	4.00	1.50	2.57	3.38	3.10	3.90	2.50
6	5.00	2.50	3.57	4.38	4.10	4.90	3.50
13	6.00	3.50	4.57	5.38	5.10	5.90	4.50
15	7.00	4.50	5.57	6.38	6.10	6.90	5.50
17	8.00	5.50	6.57	7.38	7.10	7.90	6.50
19	9.00	6.50	7.57	8.38	8.10	8.90	7.50
21	10.00	7.50	8.57	9.38	9.10	9.90	8.50
23	11.00	8.50	9.57	10.38	10.10	10.90	9.50
25	12.00	9.50	10.57	11.38	11.10	11.90	10.50
27	14.00	10.50	12.57	13.38	13.10	13.90	12.50
29	15.00	11.50	13.57	14.38	14.10	14.90	13.50
31	19.00	16.50	17.57	18.38	18.10	18.90	17.50
33	22.00	19.50	20.57	21.38	21.10	21.90	20.50

ORDER INFORMATION

5	F	C	4	A	M	R	N	D	-	X	X	X	X	W	U	H	-	0	2

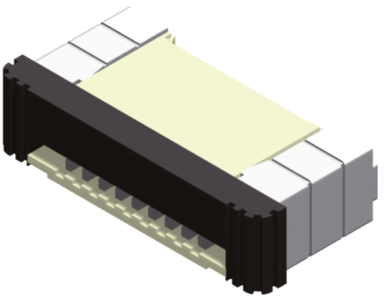
- XX: No. of Contacts
- XX: ◎G0:Gold Plated / T0:Tin Plated
- W: White Insulator
- U: U:RoHS +LCP
- H: H:Tape & Reel, W/O Cap

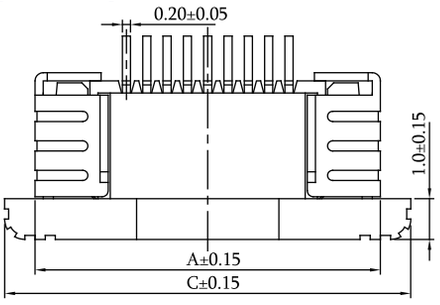
◎:Standard Recommend

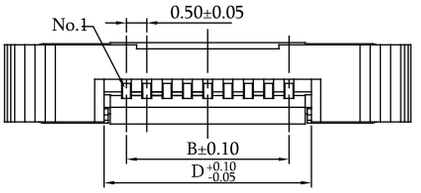
FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Drawer H=2.0mm

Specifications
Current Rating: 0.4 AMP
Insulation Resistance: 500Ω Min.
Contact Resistance: 30mΩ Max.
Dielectric Voltage: 250V AC for one minute
Operation Temperature: -55°C to +85°C

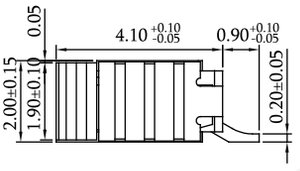
Material
Insulator: High Temperature Thermoplastic, UL 94V-0
Terminal: Phosphor Bronze
Plated: Tin Plated

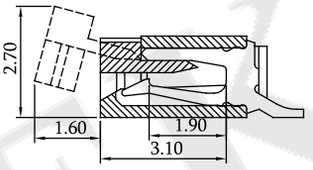


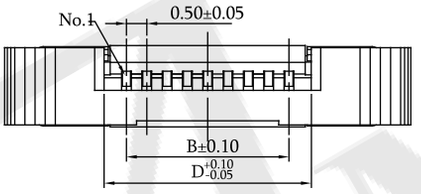




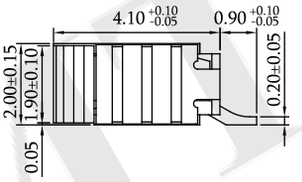
Bottom Contact

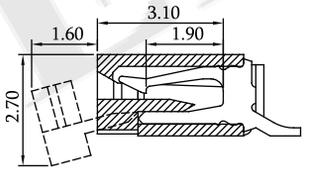


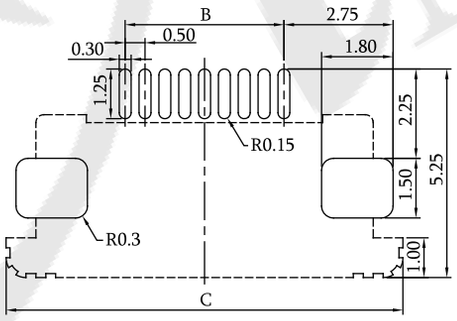




Upper Contact







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions				No. of Contacts	Dimensions			
	A	B	C	D		A	B	C	D
4	6.00	1.50	7.50	2.60	28	18.00	13.50	19.50	14.60
5	6.50	2.00	8.00	3.10	29	18.50	14.00	20.00	15.10
6	7.00	2.50	8.50	3.60	30	19.00	14.50	20.50	15.60
7	7.50	3.00	9.00	4.10	31	19.50	15.00	21.00	16.10
8	8.00	3.50	9.50	4.60	32	20.00	15.50	21.50	16.60
9	8.50	4.00	10.00	5.10	33	20.50	16.00	22.00	17.10
10	9.00	4.50	10.50	5.60	34	21.00	16.50	22.50	17.60
11	9.50	5.00	11.00	6.10	35	21.50	17.00	23.00	18.10
12	10.00	5.50	11.50	6.60	36	22.00	17.50	23.50	18.60
13	10.50	6.00	12.00	7.10	37	22.50	18.00	24.00	19.10
14	11.00	6.50	12.50	7.60	38	23.00	18.50	24.50	19.60
15	11.50	7.00	13.00	8.10	39	23.50	19.00	25.00	20.10
16	12.00	7.50	13.50	8.60	40	24.00	19.50	25.50	20.60
17	12.50	8.00	14.00	9.10	41	24.50	20.00	26.00	21.10
18	13.00	8.50	14.50	9.60	42	25.00	20.50	26.50	21.60
19	13.50	9.00	15.00	10.10	43	25.50	21.00	27.00	22.10
20	14.00	9.50	15.50	10.60	44	26.00	21.50	27.50	22.60
21	14.50	10.00	16.00	11.10	45	26.50	22.00	28.00	23.10
22	15.00	10.50	16.50	11.60	46	27.00	22.50	28.50	23.60
23	15.50	11.00	17.00	12.10	47	27.50	23.00	29.00	24.10
24	16.00	11.50	17.50	12.60	48	28.00	23.50	29.50	24.60
25	16.50	12.00	18.00	13.10	49	28.50	24.00	30.00	25.10
26	17.00	12.50	18.50	13.60	50	29.00	24.50	30.50	25.60
27	17.50	13.00	19.00	14.10					

ORDER INFORMATION

5	F	P	4	A	M	R	X	C	-	X	X	T	0	W	U	H	-	0	1

- X: B:Bottom Contact / U:Upper Contact
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS + Nylon 46
- H: H:Tape & Reel, W/O Cap

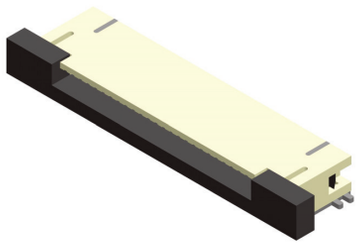
◎:Standard Recommend

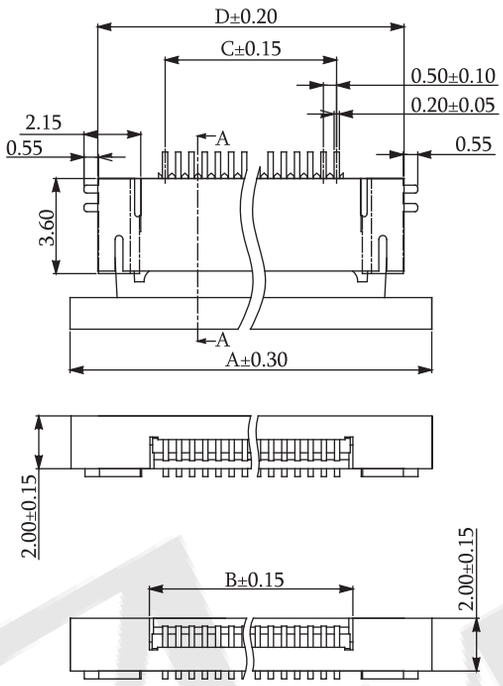
Old P/N:FPC4AMR1

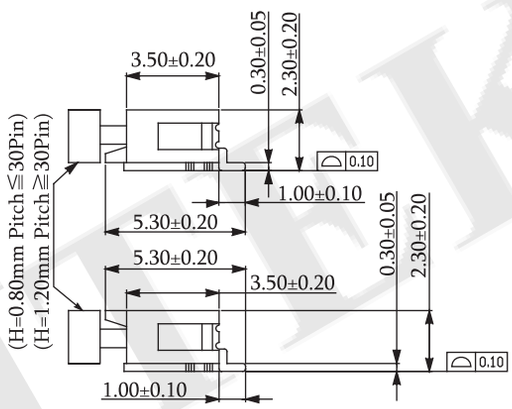
FPC/FFC 0.5mm ZIF SMT R/A Type Side Entry Drawer H=2.3mm

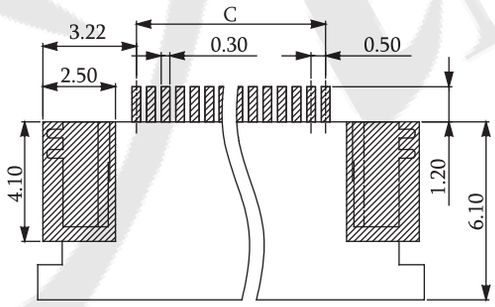
Specifications
Current Rating:0.5 AMP
Insulation Resistance:100MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-20°C to +85°C

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated









Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
4	8.70	2.70	1.50	6.60	32	22.70	16.70	15.50	20.60
5	9.20	3.20	2.00	7.10	33	23.20	17.20	16.00	21.10
6	9.70	3.70	2.50	7.60	34	23.70	17.70	16.50	21.60
8	10.70	4.70	3.50	8.60	35	24.20	18.20	17.00	22.10
9	11.20	5.20	4.00	9.10	36	24.70	18.70	17.50	22.60
10	11.70	5.70	4.50	9.60	37	25.20	19.20	18.00	23.10
11	12.20	6.20	5.00	10.10	38	25.70	19.70	18.50	23.60
12	12.70	6.70	5.50	10.60	39	26.20	20.20	19.00	24.10
13	13.20	7.20	6.00	11.10	40	26.70	20.70	19.50	24.60
14	13.70	7.70	6.50	11.60	41	27.20	21.20	20.00	25.10
15	14.20	8.20	7.00	12.10	42	27.60	21.70	20.50	25.60
16	14.70	8.70	7.50	12.60	43	28.20	22.20	21.00	26.10
17	15.20	9.20	8.00	13.10	44	28.70	22.70	21.50	26.60
18	15.70	9.70	8.50	13.60	45	29.20	23.20	22.00	27.10
19	16.20	10.20	9.00	14.10	46	29.70	23.70	22.50	27.60
20	16.70	10.70	9.50	14.60	48	30.70	24.70	23.50	28.60
21	17.20	11.20	10.00	15.10	50	31.70	25.70	24.50	29.60
22	17.70	11.70	10.50	15.60	51	32.20	26.20	25.00	30.10
23	18.20	12.20	11.00	17.10	53	33.20	27.20	26.00	31.10
24	18.70	12.70	11.50	17.60	54	33.70	27.70	26.50	31.60
25	19.20	13.20	12.00	18.10	55	34.20	28.20	27.00	32.10
26	19.70	13.70	12.50	18.60	56	34.70	28.70	27.50	32.60
27	20.20	14.20	13.00	19.10	57	35.20	29.20	28.00	33.10
28	20.70	14.70	13.50	19.60	59	36.20	30.20	29.00	34.10
29	21.20	15.20	14.00	20.10	60	36.70	30.70	29.50	34.60
30	21.70	15.70	14.50	20.60	61	37.20	31.20	30.00	35.10
31	22.20	16.20	15.00	21.10					

ORDER INFORMATION

5	F	P	4	A	M	R	X	D	-	X	X	T	0	W	U	X	-	0	1

- X: B:Bottom Contact / U:Upper Contact
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: W:White Insulator
- U: U:RoHS + Nylon 6T
- X: H:Tape & Reel, W/O Cap / R:Tape & Reel, with Cap

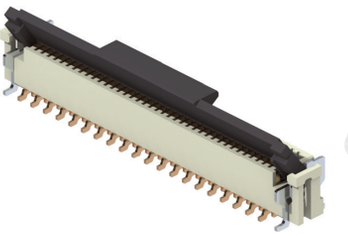
◎:Standard Recommend

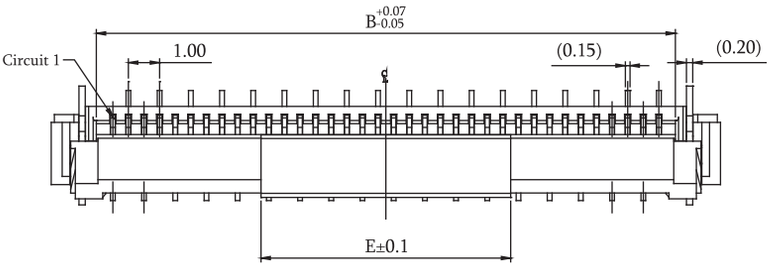
Old P/N:FPC4AMR6

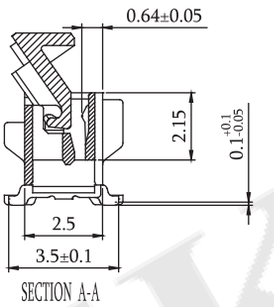
FPC/FFC 0.5mm ZIF SMT Type Top Entry Flip H=5.5mm

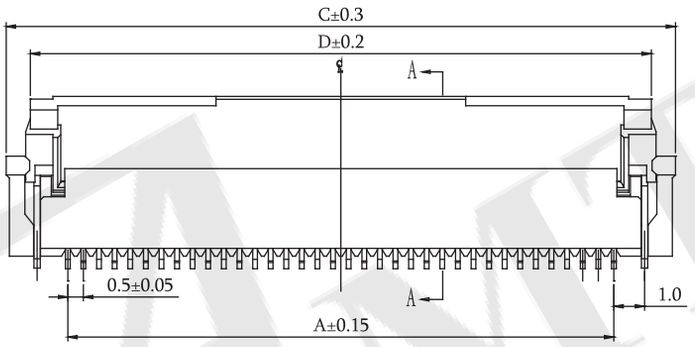
Specifications
Current Rating:0.5 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:200V AC for one minute
Operation Temperature:-40°C to +85°C

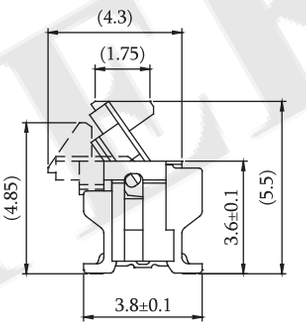
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Gold Plated

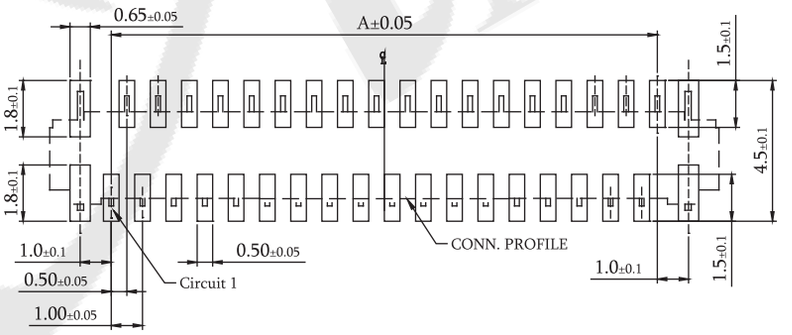












Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contact	Dimension				
	A	B	C	D	E
08	3.5	4.6	7.5	5.9	4.0
09	4.0	5.1	8	6.4	
10	4.5	5.6	8.5	6.9	
12	5.5	6.6	9.5	7.9	
14	6.5	7.6	10.5	8.9	
16	7.5	8.6	11.5	9.9	
24	11.5	12.6	15.5	13.9	8.0
30	14.5	15.6	18.5	16.9	
32	15.5	16.6	19.5	17.9	
36	17.5	18.6	21.5	19.9	
40	19.5	20.6	23.5	21.9	
50	24.5	25.6	28.5	26.9	
60	29.5	30.6	33.5	31.9	

ORDER INFORMATION

5	F	C	4	A	M	S	A	M	-	X	X	G	0	W	U	H	-	0	1

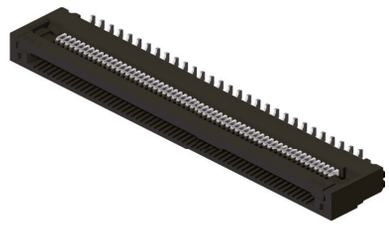
- XX: No. of Contacts
- G0: G0:Gold Plated
- W: White Insulator
- U: U:RoHS +Nylon 6T
- H: H:Tape & Reel, W/O Cap

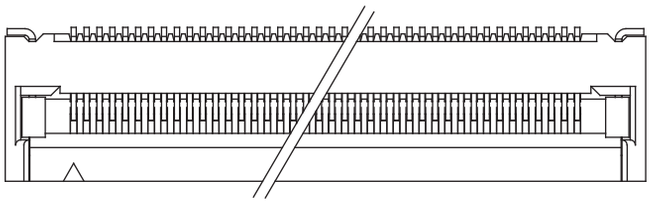
◎ :Standard Recommend

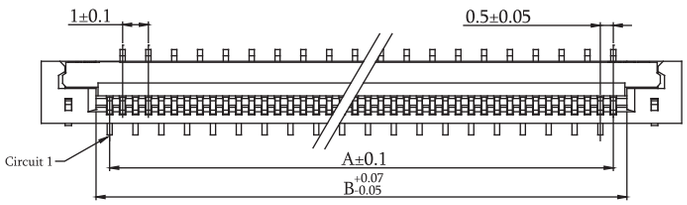
FPC/FFC 0.5mm ZIF SMT Type Top Entry Flip H=5.95mm

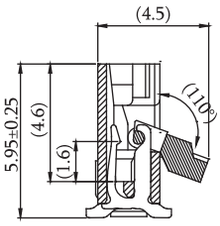
Specifications
Current Rating:0.5 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-40°C to +105°C

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

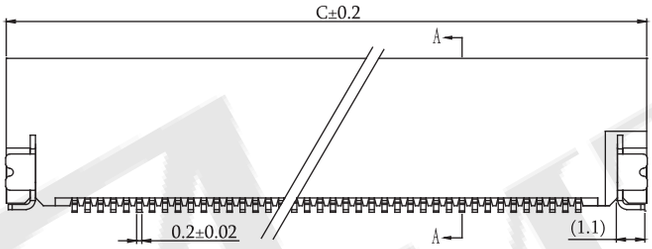


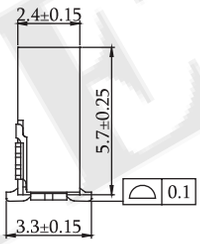


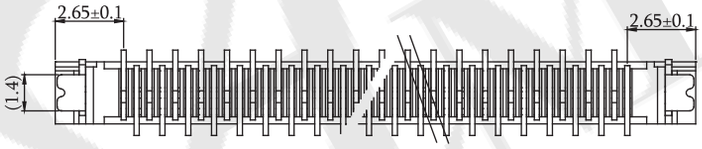


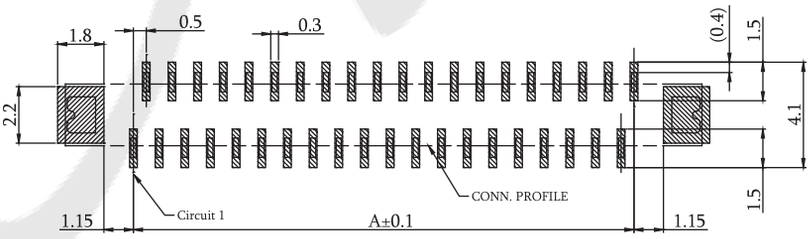


SECTION A-A









Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Contacts	Dim. A	Dim. B	Dim. C
6	2.5	3.6	7.8
8	3.5	4.6	8.8
10	4.5	5.6	9.8
12	5.5	6.6	10.8
14	6.5	7.6	11.8
15	7	8.1	12.3
18	8.5	9.6	13.8
20	9.5	10.6	14.8
22	10.5	11.6	15.8
24	11.5	12.6	16.8
26	12.5	13.6	17.8
30	14.5	15.6	19.8
36	17.5	18.6	22.8
40	19.5	20.6	24.8
45	22	23.1	27.3
50	24.5	25.6	29.8
55	27	28.1	32.3
60	29.5	30.6	34.8
70	34.5	35.6	39.8

ORDER INFORMATION

5 F C 4 B M S A M - X X T 0 B U H - 0 1

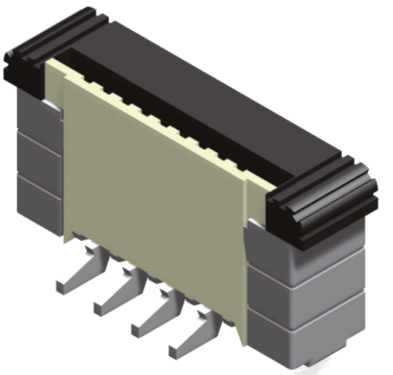
- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS +LCP
- H: H:Tape & Reel, W/O Cap

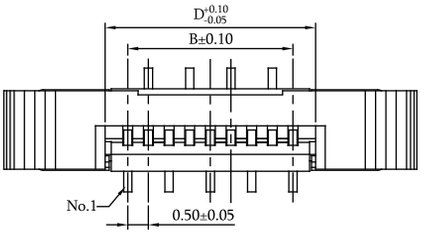
◎:Standard Recommend

FPC/FFC 0.5mm ZIF SMT Type Top Entry Drawer H=4.1mm

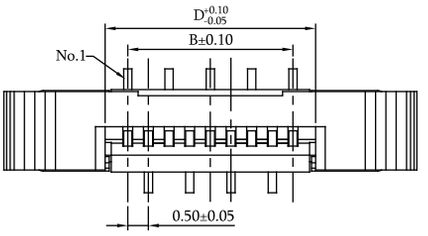
Specifications
Current Rating:0.4 AMP
Insulation Resistance:50MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55℃ to +85℃

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

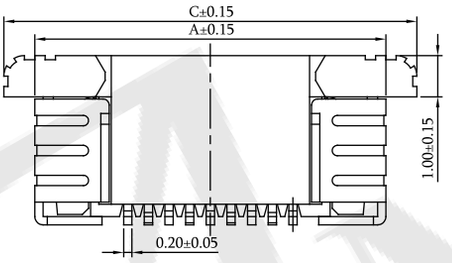


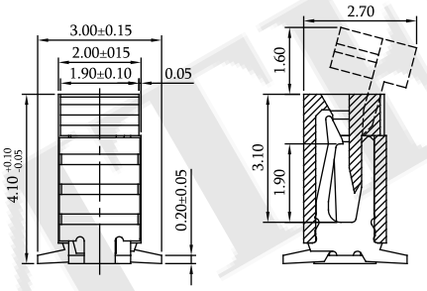


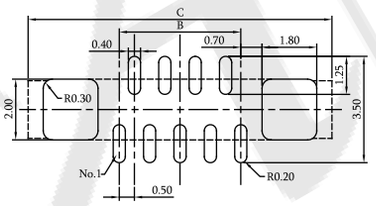
A Type



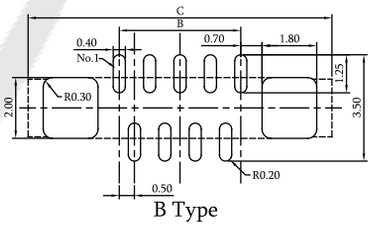
B Type







A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimension				No. of Contacts	Dimension			
	A	B	C	D		A	B	C	D
04	6.00	1.50	7.50	2.60	28	18.00	13.50	19.50	14.60
05	6.50	2.00	8.00	3.10	29	18.50	14.00	20.00	15.10
06	7.00	2.50	8.50	3.60	30	19.00	14.50	20.50	15.60
07	7.50	3.00	9.00	4.10	31	19.50	15.00	21.00	16.10
08	8.00	3.50	9.50	4.60	32	20.00	15.50	21.50	16.60
09	8.50	4.00	10.00	5.10	33	20.50	16.00	22.00	17.10
10	9.00	4.50	10.50	5.60	34	21.00	16.50	22.50	17.60
11	9.50	5.00	11.00	6.10	35	21.50	17.00	23.00	18.10
12	10.00	5.50	11.50	6.60	36	22.00	17.50	23.50	18.60
13	10.50	6.00	12.00	7.10	37	22.50	18.00	24.00	19.10
14	11.00	6.50	12.50	7.60	38	23.00	18.50	24.50	19.60
15	11.50	7.00	13.00	8.10	39	23.50	19.00	25.00	20.10
16	12.00	7.50	13.50	8.60	40	24.00	19.50	25.50	20.60
17	12.50	8.00	14.00	9.10	41	24.50	20.00	26.00	21.10
18	13.00	8.50	14.50	9.60	42	25.00	20.50	26.50	21.60
19	13.50	9.00	15.00	10.10	43	25.50	21.00	27.00	22.10
20	14.00	9.50	15.50	10.60	44	26.00	21.50	27.50	22.60
21	14.50	10.00	16.00	11.10	45	26.50	22.00	28.00	23.10
22	15.00	10.50	16.50	11.60	46	27.00	22.50	28.50	23.60
23	15.50	11.00	17.00	12.10	47	27.50	23.00	29.00	24.10
24	16.00	11.50	17.50	12.60	48	28.00	23.50	29.50	24.60
25	16.50	12.00	18.00	13.10	49	28.50	24.00	30.00	25.10
26	17.00	12.50	18.50	13.60	50	29.00	24.50	30.50	25.60
27	17.50	13.00	19.00	14.10					

ORDER INFORMATION

5	F	P	4	A	M	S	X	C	-	X	X	T	0	W	U	R	-	0	1

- X: PCB Layout — A:A Type; B:B Type
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS + Nylon 46
- R-01: R:Tape & Reel, With Cap

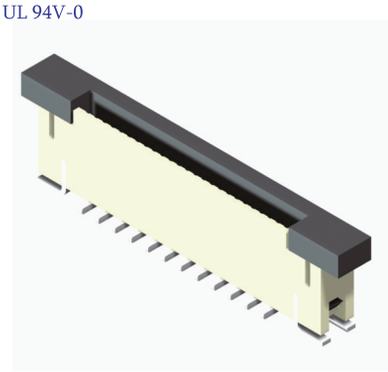
◎:Standard Recommend

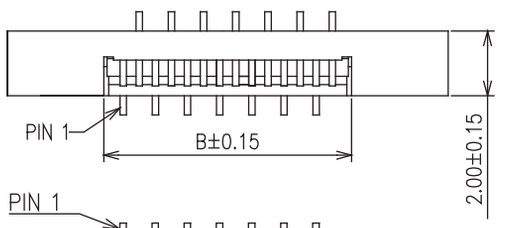
Old P/N:FPC4AMS1

FPC/FFC 0.5mm ZIF SMT Type Top Entry Drawer H=4.75 / 5.15mm

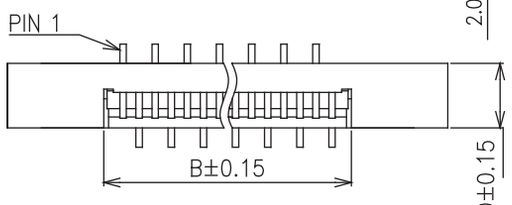
Specifications
Current Rating:0.5 AMP
Insulation Resistance:100MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-20°C to +85°C

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

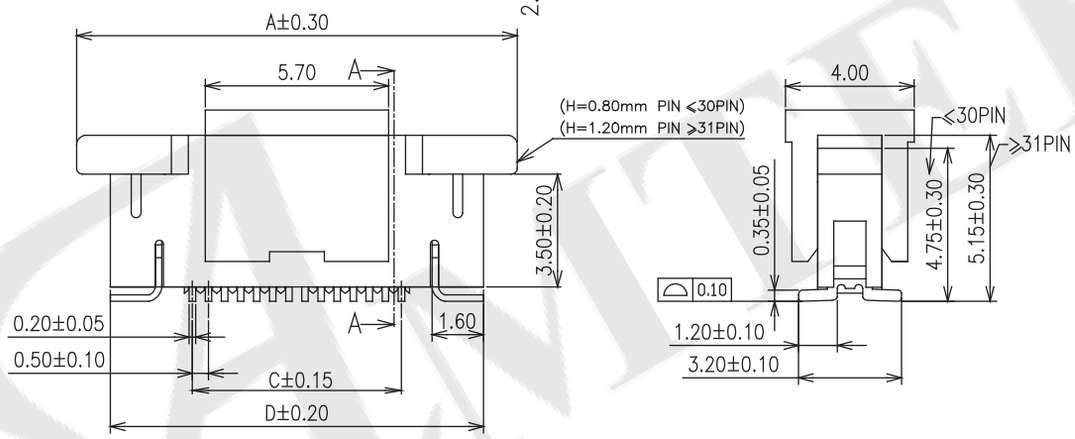


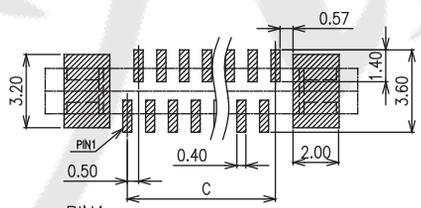


A Type

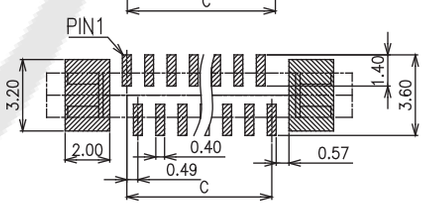


B Type





A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
4	8.70	2.70	1.50	6.60	32	22.70	16.70	15.50	20.60
5	9.20	3.20	2.00	7.10	33	23.20	17.20	16.00	21.10
6	9.70	3.70	2.50	7.60	34	23.70	17.70	16.50	21.60
8	10.70	4.70	3.50	8.60	35	24.20	18.20	17.00	22.10
9	11.20	5.20	4.00	9.10	36	24.70	18.70	17.50	22.60
10	11.70	5.70	4.50	9.60	37	25.20	19.20	18.00	23.10
11	12.20	6.20	5.00	10.10	38	25.70	19.70	18.50	23.60
12	12.70	6.70	5.50	10.60	39	26.20	20.20	19.00	24.10
13	13.20	7.20	6.00	11.10	40	26.70	20.70	19.50	24.60
14	13.70	7.70	6.50	11.60	41	27.20	21.20	20.00	25.10
15	14.20	8.20	7.00	12.10	42	27.60	21.70	20.50	25.60
16	14.70	8.70	7.50	12.60	43	28.20	22.20	21.00	26.10
17	15.20	9.20	8.00	13.10	44	28.70	22.70	21.50	26.60
18	15.70	9.70	8.50	13.60	45	29.20	23.20	22.00	27.10
19	16.20	10.20	9.00	14.10	46	29.70	23.70	22.50	27.60
20	16.70	10.70	9.50	14.60	48	30.70	24.70	23.50	28.60
21	17.20	11.20	10.00	15.10	50	31.70	25.70	24.50	29.60
22	17.70	11.70	10.50	15.60	51	32.20	26.20	25.00	30.10
23	18.20	12.20	11.00	17.10	53	33.20	27.20	26.00	31.10
24	18.70	12.70	11.50	17.60	54	33.70	27.70	26.50	31.60
25	19.20	13.20	12.00	18.10	55	34.20	28.20	27.00	32.10
26	19.70	13.70	12.50	18.60	56	34.70	28.70	27.50	32.60
27	20.20	14.20	13.00	19.10	57	35.20	29.20	28.00	33.10
28	20.70	14.70	13.50	19.60	59	36.20	30.20	29.00	34.10
29	21.20	15.20	14.00	20.10	60	36.70	30.70	29.50	34.60
30	21.70	15.70	14.50	20.60	61	37.20	31.20	30.00	35.10
31	22.20	16.20	15.00	21.10					

ORDER INFORMATION

5 F P 4 A M S | X D - X X | T 0 | W | U | X - 0 1

- X D: PCB Layout — A:A Type; B:B Type
- X X: No. of Contacts
- T 0: T0:Tin Plated
- W: W:White Insulator
- U: U:RoHS + Nylon 6T
- X: H:Tape & Reel, W/O Cap; R:Tape & Reel, with Cap

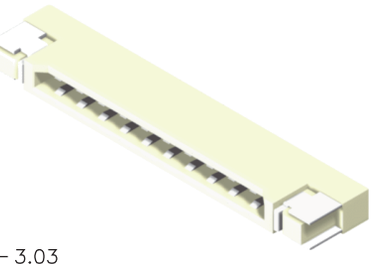
◎:Standard Recommend

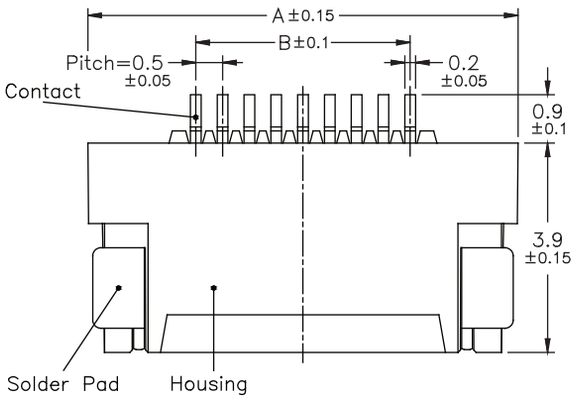
Old P/N:FPC4AMS6

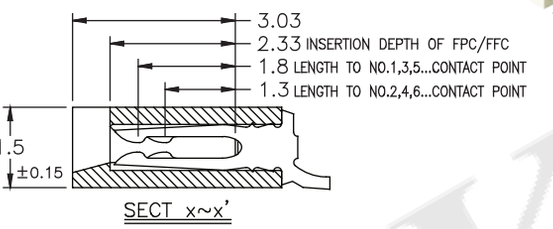
FPC/FFC 0.5mm Non ZIF SMT R/A Type Side Entry H=1.5mm

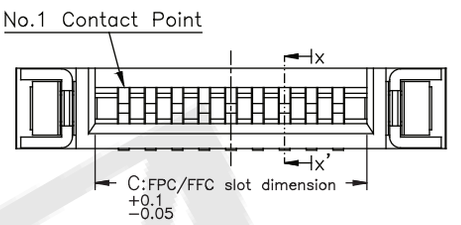
Specifications
Current Rating:0.4 AMP
Insulation Resistance:50MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55℃ to +85℃

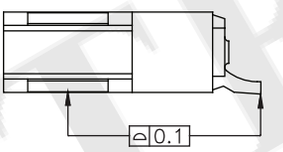
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

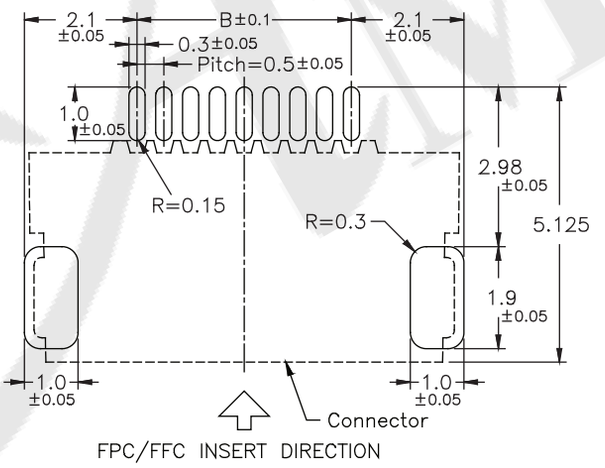












Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
4	5.53	1.5	2.57
6	6.53	2.5	3.57
8	7.53	3.5	4.57
10	8.53	4.5	5.57
12	9.53	5.5	6.57
14	10.53	6.5	7.57
16	11.53	7.5	8.57
18	12.53	8.5	9.57
20	13.53	9.5	10.57
24	15.53	11.5	12.57
26	16.53	12.5	13.57
30	18.53	14.5	15.57
40	23.53	19.5	20.57
50	28.53	24.5	25.57
54	30.53	26.5	27.57
60	33.53	29.5	30.57

ORDER INFORMATION

5 F P 4 B M R N C - X X T 0 W U H - 0 1

- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS + Nylon 46
- H: H:Tape & Reel, W/O Cap

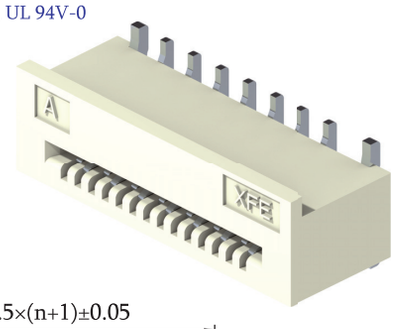
◎:Standard Recommend

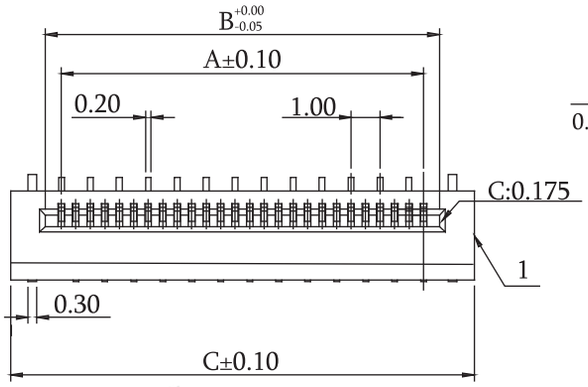
Old P/N:FPC4BMR1A

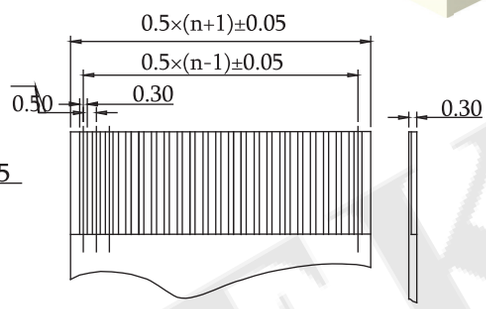
FPC/FFC 0.5mm Non ZIF SMT Type Top Entry H=3.9mm

Specifications
Current Rating:0.5 AMP
Voltage Rating:50V AC/DC
Insulation Resistance:50MΩ Min.
Contact Resistance:40mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25°C to +85°C

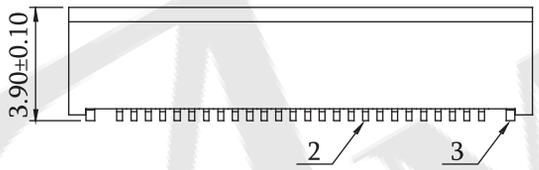
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

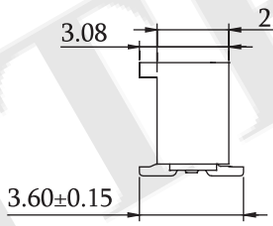


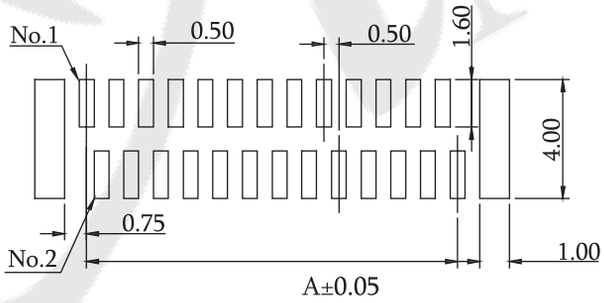




FFC/FPC Dimension







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions A	B	C	No. of Contacts	Dimensions A	B	C
04	1.5	2.6	5.0	23	11.0	12.1	14.5
05	2.0	3.1	5.5	24	11.5	12.6	15.0
06	2.5	3.6	6.0	25	12.0	13.1	15.5
07	3.0	4.1	6.5	26	12.5	13.6	16.0
08	3.5	4.6	7.0	27	13.0	14.1	16.5
09	4.0	5.1	7.5	28	13.5	14.6	17.0
10	4.5	5.6	8.0	29	14.0	15.1	17.5
11	5.0	6.1	8.5	30	14.5	15.6	18.0
12	5.5	6.6	9.0	31	15.0	16.1	18.5
13	6.0	7.1	9.5	32	15.5	16.6	19.0
14	6.5	7.6	10.0	33	16.0	17.1	19.5
15	7.0	8.1	10.5	34	16.5	17.6	20.0
16	7.5	8.6	11.0	35	17.0	18.1	20.5
17	8.0	9.1	11.5	36	17.5	18.6	21.0
18	8.5	9.6	12.0	37	18.0	19.1	21.5
19	9.0	10.1	12.5	38	18.5	19.6	22.0
20	9.5	10.6	13.0	39	19.0	20.1	22.5
21	10.0	11.1	13.5	40	19.5	20.6	23.0
22	10.5	11.6	14.0				

ORDER INFORMATION

5	F	P	4	B	M	S	M	M	-	X	X	T	0	W	U	T	-	0	1

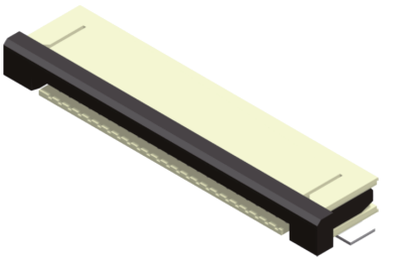
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: Natural Insulator
- U: U:RoHS +Nylon 46
- T-01: T:Tube, W/O Cap

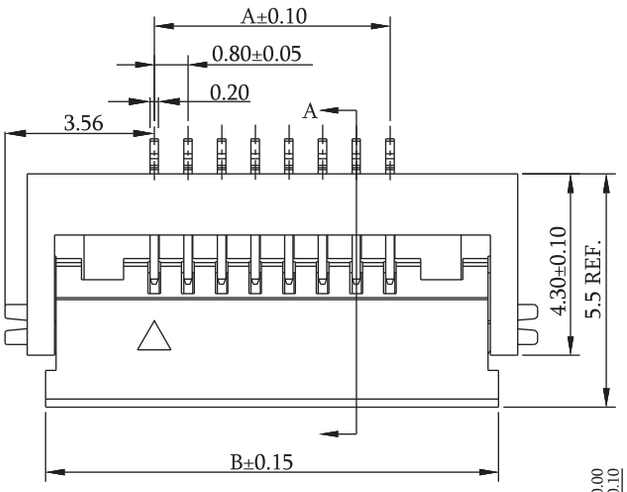
◎ :Standard Recommend

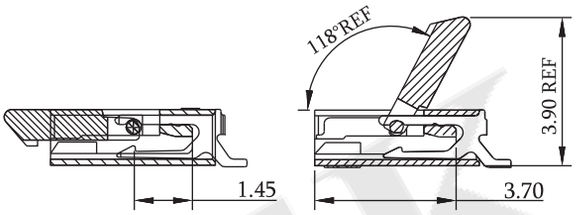
FPC/FFC 0.8mm ZIF SMT R/A Type Side Entry Flip H=1.5mm

Specifications
Current Rating: 0.5 AMP
Voltage Rating: 50V AC,DC
Insulation Resistance: 500MΩ Min.
Contact Resistance: 30mΩ Max.
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -25°C to +85°C

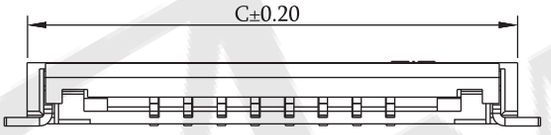
Material
Insulator: High Temperature Thermoplastic, UL 94V-0
Terminal: Copper Alloy
Plated: Tin Plated

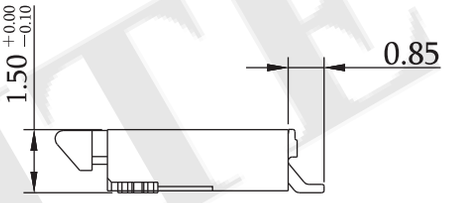


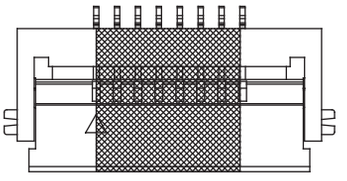




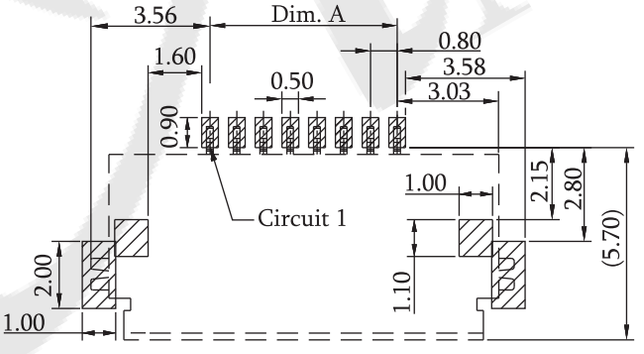
SECTION A-A







With Mylar



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
24	18.40	23.56	24.46
26	20.00	25.16	26.06
30	23.20	28.36	29.26
32	24.80	29.96	30.86

ORDER INFORMATION

5	F	C	8	A	M	R	N	A	-	X	X	T	0	W	U	M	-	0	1

- XX: No. of Contacts
- T0: Tin Plated
- W: White Insulator
- U: RoHS + LCP
- M: Tape & Reel, With Mylar

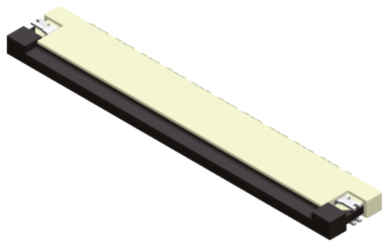
◎ :Standard Recommend

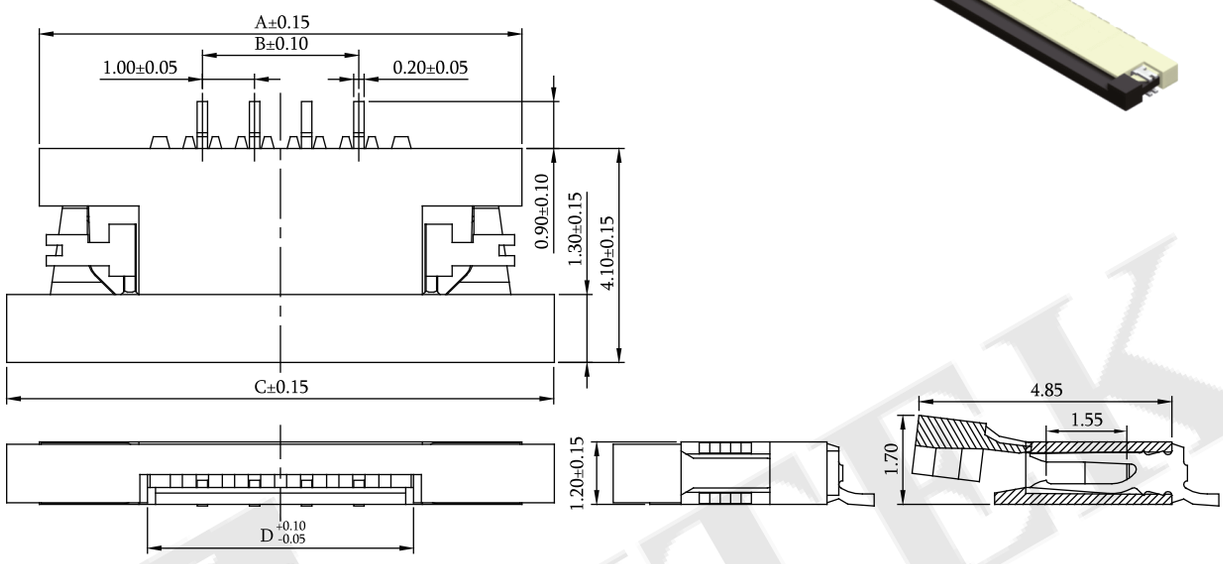
Old P/N:FPC8AMR2

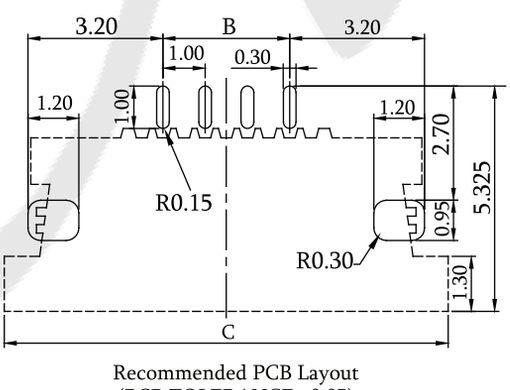
FPC/FFC 1.0mm Slim SMT R/A Type Side Entry Drawer H=1.2mm

Specifications
Current Ratin:0.5 AMP
Voltage Rating: 50V AC,DC
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-55°C to +85°C

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			
	A	B	C	D
04	9.25	3.00	10.50	5.10
05	10.25	4.00	11.50	6.10
06	11.25	5.00	12.50	7.10
07	12.25	6.00	13.50	8.10
08	13.25	7.00	14.50	9.10
10	15.25	9.00	16.50	11.10
12	17.25	11.00	18.50	13.10
14	19.25	13.00	20.50	15.10
16	21.25	15.00	22.50	17.10
18	23.25	17.00	24.50	19.10
20	25.25	19.00	26.50	21.10
24	29.25	23.00	30.50	25.10

ORDER INFORMATION

5	F	S	3	A	M	R	X	C	-	X	X	T	0	W	U	H	-	0	1

- X: B:Bottom Contact / U:Upper Contact
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS + Nylon 46
- H01: H:Tape & Reel, W/O Cap

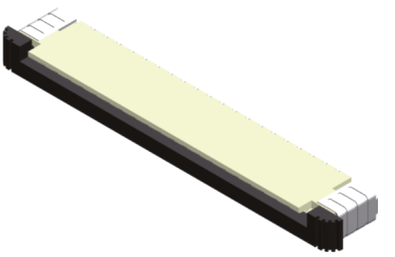
◎:Standard Recommend

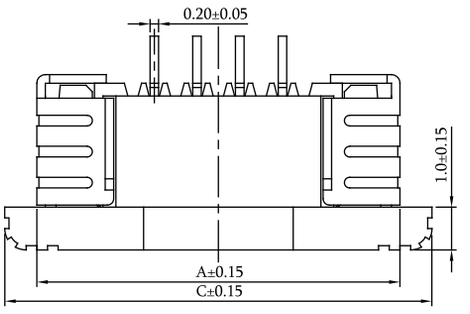
Old P/N:FPC3AMRT1

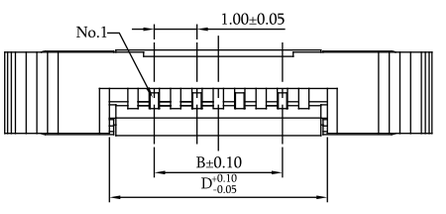
FPC/FFC 1.0mm ZIF SMT R/A Type Side Entry Drawer H=2.0mm

Specifications
Current Rating:0.5 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-55℃ to +85℃

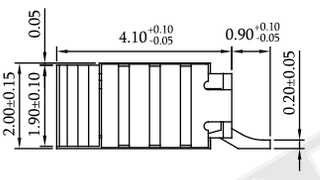
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Gold / Tin Plated

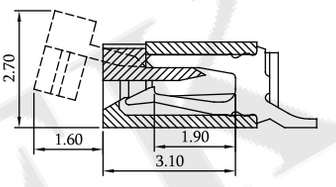


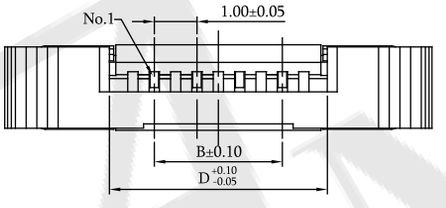




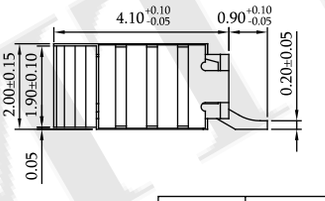
Bottom Contact

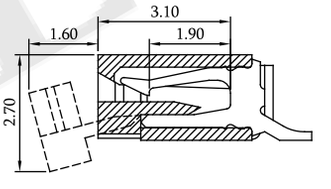


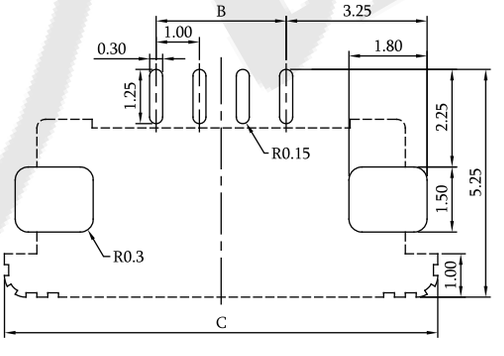




Upper Contact







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimension			
	A	B	C	D
4	8.50	3.00	10.00	5.10
5	9.50	4.00	11.00	6.10
6	10.50	5.00	12.00	7.10
7	11.50	6.00	13.00	8.10
8	12.50	7.00	14.00	9.10
9	13.50	8.00	15.00	10.10
10	14.50	9.00	16.00	11.10
11	15.50	10.00	17.00	12.10
12	16.50	11.00	18.00	13.10
13	17.50	12.00	19.00	14.10
14	18.50	13.00	20.00	15.10
15	19.50	14.00	21.00	16.10
16	20.50	15.00	22.00	17.10
17	21.50	16.00	23.00	18.10
18	22.50	17.00	24.00	19.10
19	23.50	18.00	25.00	20.10
20	24.50	19.00	26.00	21.10
21	25.50	20.00	27.00	22.10
22	26.50	21.00	28.00	23.10
23	27.50	22.00	29.00	24.10
24	28.50	23.00	30.00	25.10

ORDER INFORMATION

5 F P 3 A M R X C - X X X X W U H - 0 1

- X: B:Bottom Contact; U:Upper Contact
- XX: No. of Contacts
- XX: G0:Gold Flash; T0:Tin Plated
- W: White Insulator
- U: U:RoHS +Nylon 46
- H: H:Tape & Reel, W/O Cap

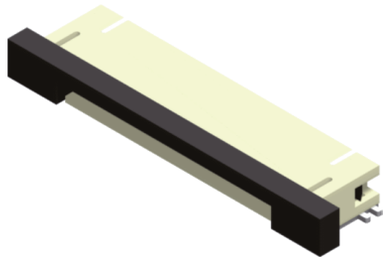
◎:Standard Recommend

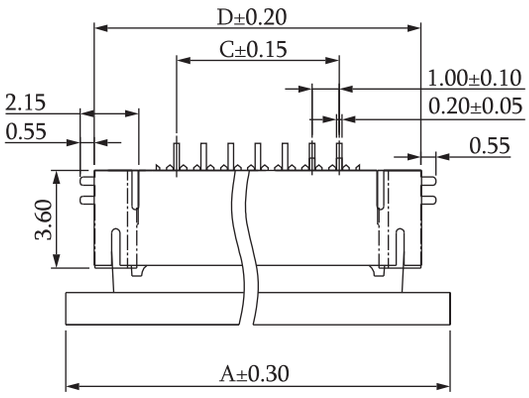
Old P/N:FPC3AMR1

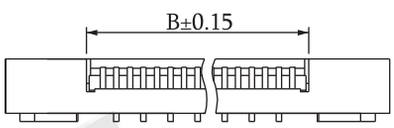
FPC/FFC 1.0mm ZIF SMT R/A Type Side Entry Drawer H=2.3mm

Specifications
Current Rating:0.5 AMP
Insulation Resistance:100MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-20°C to +85°C

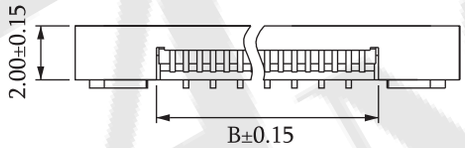
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated



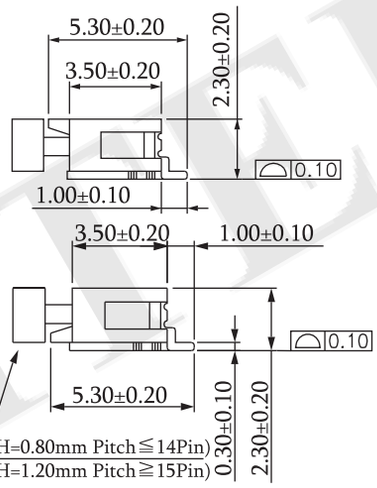


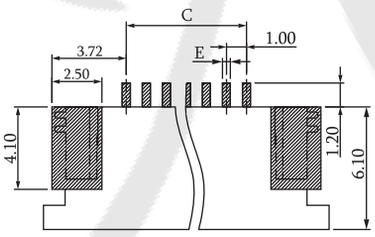


Upper Contact



Bottom Contact





Recommended PCB Layout
(PCB TOLERANCE ±0.05)

Part No.	Dim. E
5FP3AMRUD-XX-01	0.30
5FP3AMRBD-XX-01	0.40

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D	No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
02	9.20	3.20	1.00	7.10	17	24.20	18.20	1.00	7.10
04	11.20	5.20	3.00	9.10	18	25.20	19.20	3.00	9.10
05	12.20	6.20	4.00	10.10	19	26.20	20.20	4.00	10.10
06	13.20	7.20	5.00	11.10	20	27.20	21.20	5.00	11.10
07	14.20	8.20	6.00	12.10	21	28.20	22.20	6.00	12.10
08	15.20	9.20	7.00	13.10	22	29.20	23.20	7.00	13.10
09	16.20	10.20	8.00	14.10	24	31.20	25.20	8.00	14.10
10	17.20	11.20	9.00	15.10	25	32.20	26.20	9.00	15.10
11	18.20	12.20	10.00	16.10	26	33.20	27.20	10.00	16.10
12	19.20	13.20	11.00	17.10	27	34.20	28.20	11.00	17.10
13	20.20	14.20	12.00	18.10	28	35.20	29.20	12.00	18.10
14	21.20	15.20	13.00	19.10	29	36.20	30.20	13.00	19.10
15	22.20	16.20	14.00	20.10	30	37.20	31.20	14.00	20.10
16	23.20	17.20	15.00	21.10					

ORDER INFORMATION

5 F P 3 A M R X D - X X T 0 W U X - 0 1

- X: B:Bottom Contact; U:Upper Contact
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS +Nylon 6T
- X: H:Tape & Reel, W/O Cap; R:Tape & Reel, With Cap

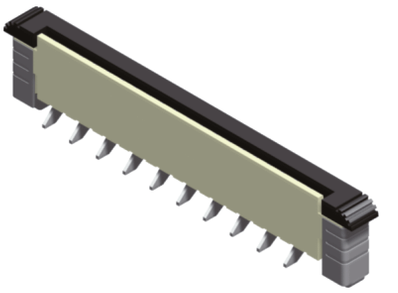
◎:Standard Recommend

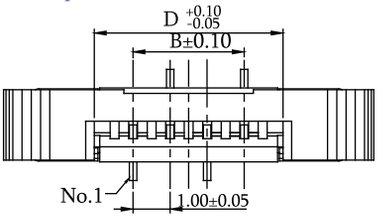
Old P/N:FPC3AMR6

FPC/FFC 1.0mm ZIF SMT Type Top Entry Drawer H=4.1mm

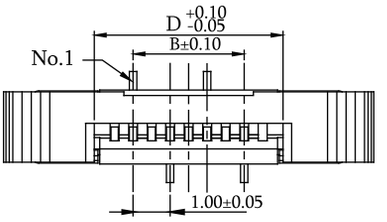
Specifications
Current Rating:0.5 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-55℃ to +85℃

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

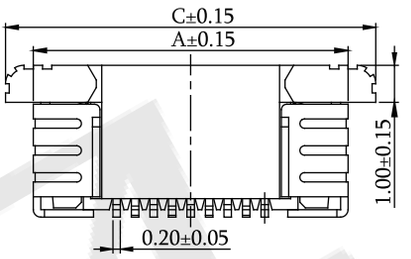


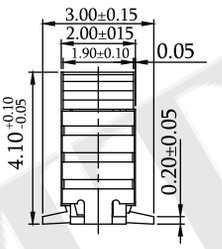


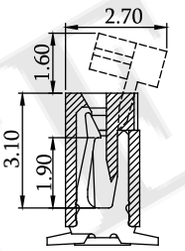
A Type

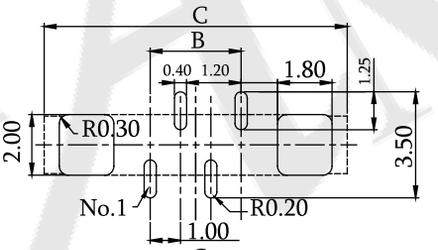


B Type

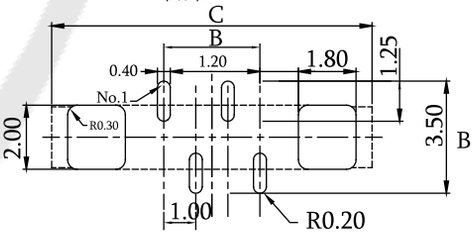








A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			
	A	B	C	D
04	8.50	3.00	10.00	5.10
05	9.50	4.00	11.00	6.10
06	10.50	5.00	12.00	7.10
07	11.50	6.00	13.00	8.10
08	12.50	7.00	14.00	9.10
09	13.50	8.00	15.00	10.10
10	14.50	9.00	16.00	11.10
11	15.50	10.00	17.00	12.10
12	16.50	11.00	18.00	13.10
13	17.50	12.00	19.00	14.10
14	18.50	13.00	20.00	15.10
15	19.50	14.00	21.00	16.10
16	20.50	15.00	22.00	17.10
17	21.50	16.00	23.00	18.10
18	22.50	17.00	24.00	19.10
19	23.50	18.00	25.00	20.10
20	24.50	19.00	26.00	21.10
21	25.50	20.00	27.00	22.10
22	26.50	21.00	28.00	23.10
23	27.50	22.00	29.00	24.10
24	28.50	23.00	30.00	25.10

ORDER INFORMATION

5 F P 3 A M S — X C - X X T 0 — W — U — X - 0 1

- X C: PCB Layout — A:A Type; B:B Type
- X X: No. of Contacts
- T 0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS + Nylon 46
- X: H:Tape & Reel, W/O Cap; R:Tape & Reel, With Cap

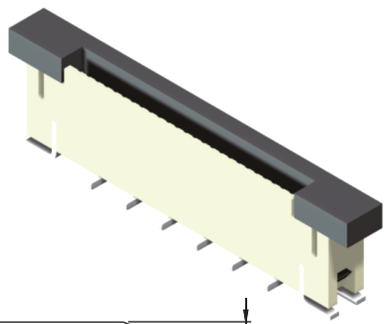
◎:Standard Recommend

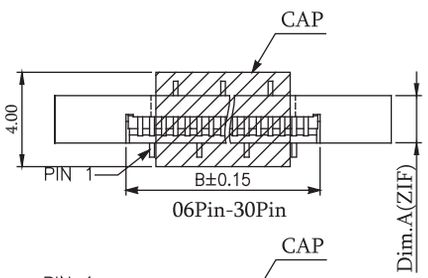
Old P/N:FPC3AMS1

FPC/FFC 1.0mm ZIF SMT Type Top Entry Drawer H=6.15mm

Specifications
Current Rating:0.5 AMP
Insulation Resistance:100MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-20°C to +85°C

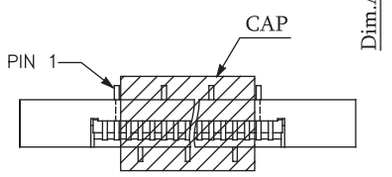
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated



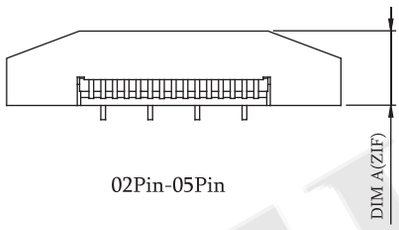


A Type

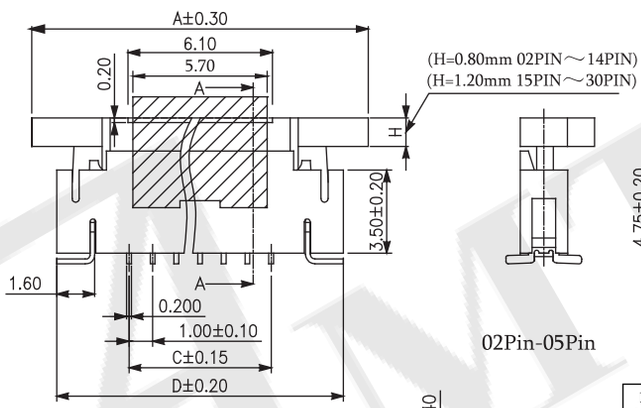
06Pin-30Pin



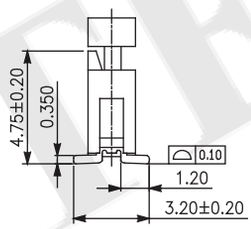
B Type



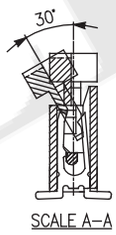
02Pin-05Pin

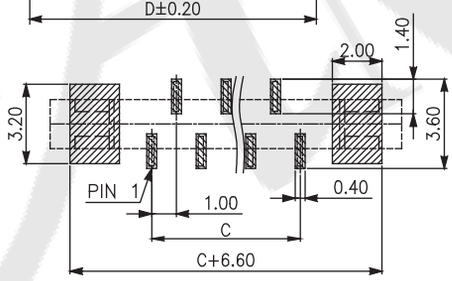


02Pin-05Pin

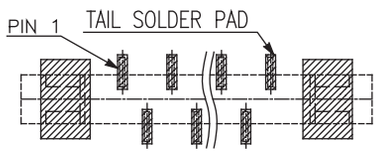


06Pin-30Pin





A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dim. A	Dim. B	Dim. C	Dim. D
02	9.20	3.20	1.00	7.10
04	11.20	5.20	3.00	9.10
05	12.20	6.20	4.00	10.10
06	13.20	7.20	5.00	11.10
07	14.20	8.20	6.00	12.10
08	15.20	9.20	7.00	13.10
09	16.20	10.20	8.00	14.10
10	17.20	11.20	9.00	15.10
11	18.20	12.20	10.00	16.10
12	19.20	13.20	11.00	17.10
13	20.20	14.20	12.00	18.10
14	21.20	15.20	13.00	19.10
15	22.20	16.20	14.00	20.10
16	23.20	17.20	15.00	21.10
17	24.20	18.20	16.00	22.10
18	25.20	19.20	17.00	23.10
19	26.20	20.20	18.00	24.10
20	27.20	21.20	19.00	25.10
21	28.20	22.20	20.00	26.10
22	29.20	23.20	21.00	27.10
24	31.20	25.20	23.00	29.10
25	32.20	26.20	24.00	30.10
26	33.20	27.20	25.00	31.10
27	34.20	28.20	26.00	32.10
28	35.20	29.20	27.00	33.10
29	36.20	30.20	28.00	34.10
30	37.20	31.20	29.00	35.10

ORDER INFORMATION

5 F P 3 A M S X D - X X T 0 W U X - 0 1

- X: PCB Layout — A:A Type; B:B Type
- XX: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS +Nylon 6T
- X: H:Tape & Reel, W/O Cap; R:Tape & Reel, With Cap

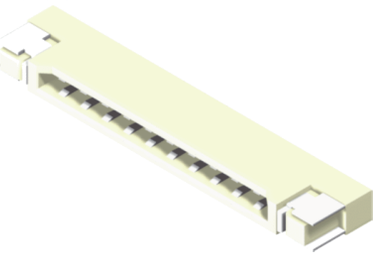
◎:Standard Recommend

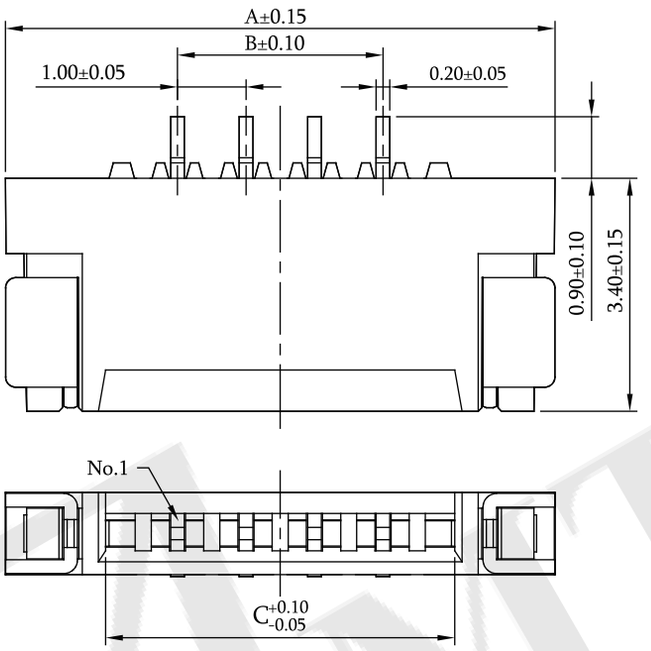
Old P/N:FPC3AMS6

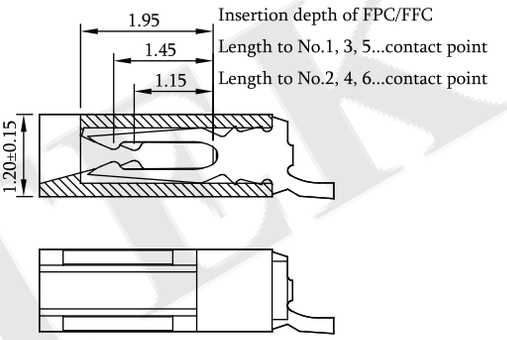
FPC/FFC 1.0mm Non ZIF SMT R/A Type Side Entry H=1.2mm

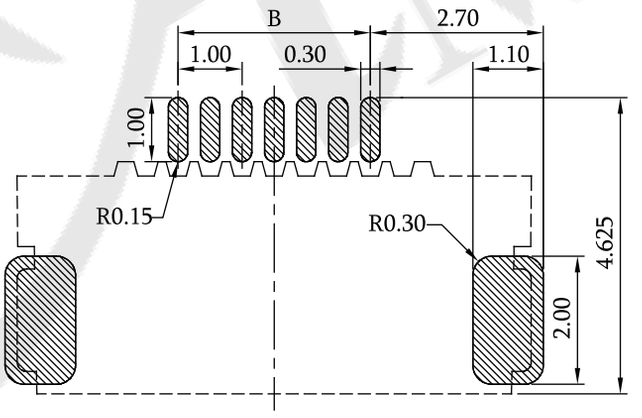
Specifications
Current Rating:0.5 AMP
Voltage Rating: 50V AC,DC
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-55°C to +85°C

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated









Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
04	8.03	3.00	5.10
05	9.03	4.00	6.10
06	10.03	5.00	7.10
07	11.03	6.00	8.10
08	12.03	7.00	9.10
09	13.03	8.00	10.10
10	14.03	9.00	11.10
11	15.03	10.00	12.10
12	16.03	11.00	13.10
13	17.03	12.00	14.10
14	18.03	13.00	15.10
15	19.03	14.00	16.10
16	20.03	15.00	17.10
17	21.03	16.00	18.10
18	22.03	17.00	19.10
19	23.03	18.00	20.10
20	24.03	19.00	21.10
21	25.03	20.00	22.10
22	26.03	21.00	23.10
23	27.03	22.00	24.10
24	28.03	23.00	25.10

ORDER INFORMATION

5 F P 3 B M R N C - X X T 0 W U H - 0 1

- X X: No. of Contacts
- T0: T0:Tin Plated
- W: White Insulator
- U: U:RoHS +Nylon 46
- H: H:Tape & Reel, W/O Cap

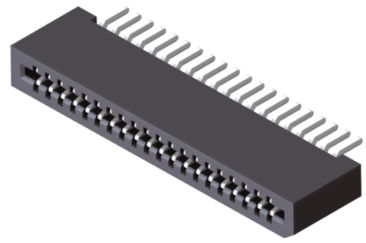
◎:Standard Recommend

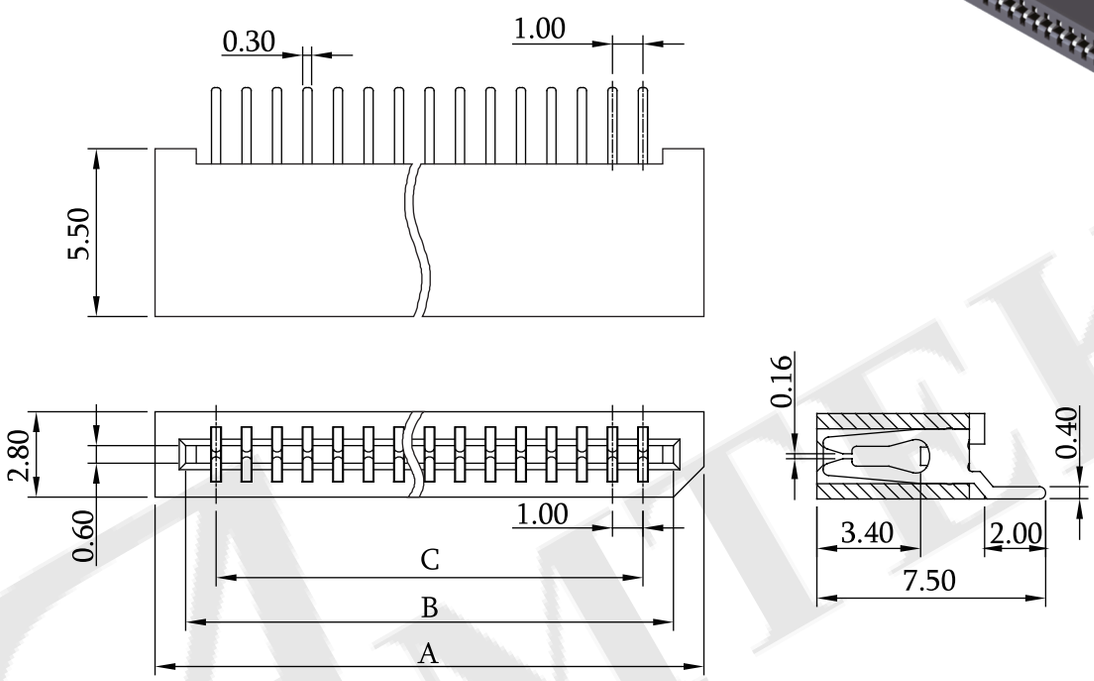
Old P/N:FPC3BMR1A

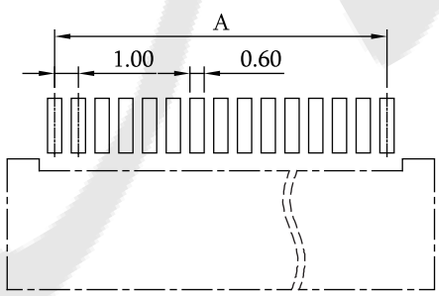
FPC/FFC 1.0mm Non ZIF SMT R/A Type Side Entry H=2.8mm

Specifications
Current Rating:1 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25℃ to +85℃

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
03	6.00	4.10	2.00	18	21.00	19.10	17.00
04	7.00	5.10	3.00	19	22.00	20.10	18.00
05	8.00	6.10	4.00	20	23.00	21.10	19.00
06	9.00	7.10	5.00	21	24.00	22.10	20.00
07	10.00	8.10	6.00	22	25.00	23.10	21.00
08	11.00	8.10	7.00	23	26.00	24.10	22.00
09	12.00	10.10	8.00	24	27.00	25.10	23.00
10	13.00	11.10	9.00	25	28.00	26.10	24.00
11	14.00	12.10	10.00	26	29.00	27.10	25.00
12	15.00	13.10	11.00	27	30.00	28.10	26.00
13	16.00	14.10	12.00	28	31.00	29.10	27.00
14	17.00	15.10	13.00	29	32.00	30.10	28.00
15	18.00	16.10	14.00	30	33.00	31.10	29.00
16	19.00	17.10	15.00	32	35.00	33.10	31.00
17	20.00	18.10	16.00	33	36.00	34.10	32.00

ORDER INFORMATION

5	F	P	3	B	M	R	M	D	-	X	X	T	0	B	U	X	-	0	1

- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS + Nylon 6T
- X: ◎T:Tube, W/O Cap; H:Tape & Reel, W/O Cap

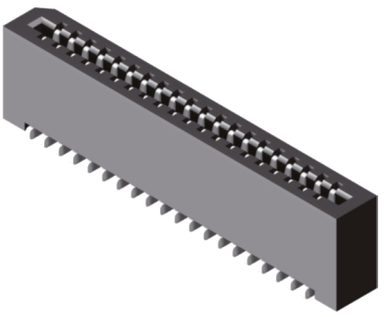
◎:Standard Recommend

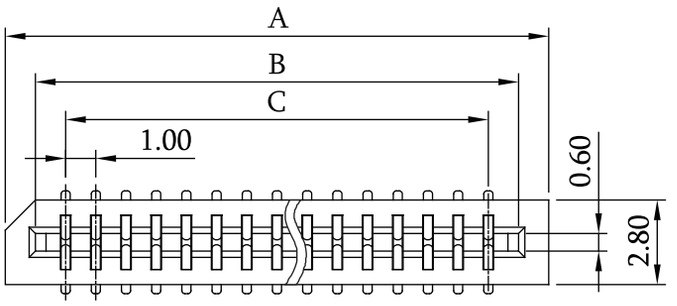
Old P/N:FPC3BMR6

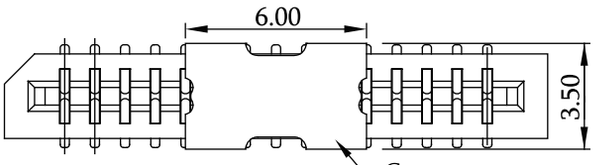
FPC/FFC 1.0mm Non ZIF SMT Type Top Entry H=5.6mm

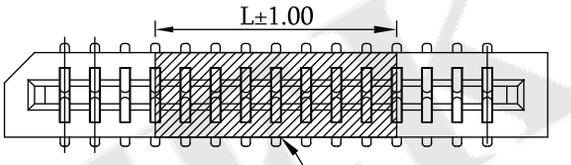
Specifications
Current Rating: 1.0 AMP
Insulation Resistance :500MΩ Min.
Contact Resistance: 30mΩ Max.
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -25℃ to +85℃

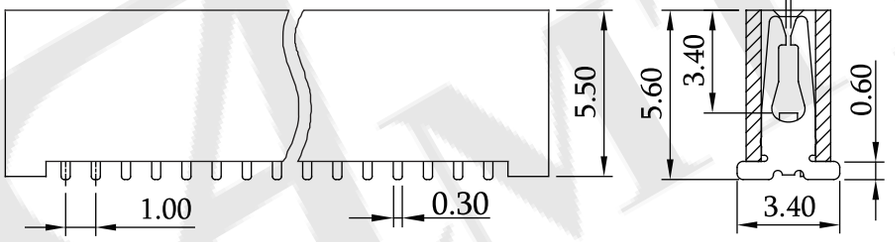
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated



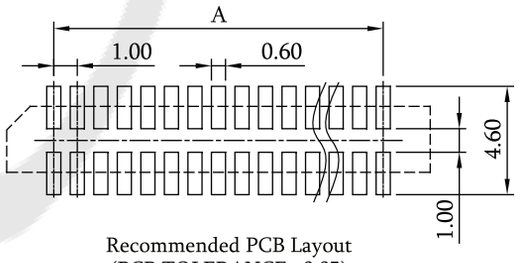








No. of Contacts	Dimension L
03-05	4.0
06-13	8.0
14-32	12.0



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions A	B	C	No. of Contacts	Dimensions A	B	C
03	6.00	4.10	2.00	18	21.00	19.10	17.00
04	7.00	5.10	3.00	19	22.00	20.10	18.00
05	8.00	6.10	4.00	20	23.00	21.10	19.00
06	9.00	7.10	5.00	21	24.00	22.10	20.00
07	10.00	8.10	6.00	22	25.00	23.10	21.00
08	11.00	8.10	7.00	23	26.00	24.10	22.00
09	12.00	10.10	8.00	24	27.00	25.10	23.00
10	13.00	11.10	9.00	25	28.00	26.10	24.00
11	14.00	12.10	10.00	26	29.00	27.10	25.00
12	15.00	13.10	11.00	27	30.00	28.10	26.00
13	16.00	14.10	12.00	28	31.00	29.10	27.00
14	17.00	15.10	13.00	29	32.00	30.10	28.00
15	18.00	16.10	14.00	30	33.00	31.10	29.00
16	19.00	17.10	15.00	31	34.00	32.10	30.00
17	20.00	18.10	16.00	32	35.00	33.10	31.00

ORDER INFORMATION

5	F	P	3	B	M	S	M	D	-	X	X	T	0	B	U	X	-	0	1

- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS + Nylon 6T
- X: ◎T:Tube, W/O Cap; C:Tube, With Cap; F:Tube, With Mylar; H:Tape & Reel, W/O Cap; R:Tape & Reel, With Cap; M:Tape & Reel, With Mylar
- 01: Old P/N:FPC3BMS6

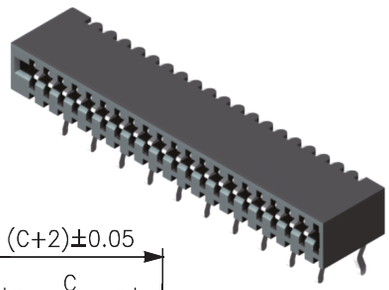
◎:Standard Recommend

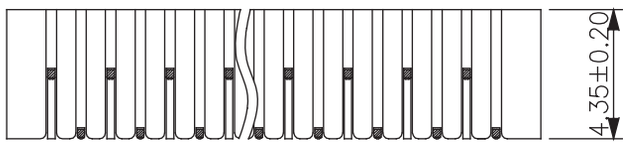
Old P/N:FPC3BMS6

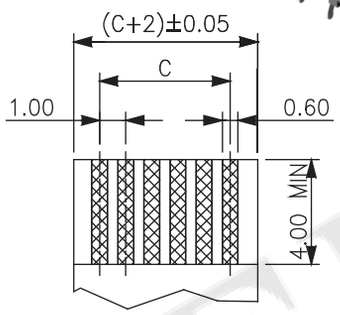
FPC/FFC 1.0mm Non ZIF Right Angle Type Side Entry H=2.8mm

Specifications
Current Rating:1 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25℃ to +85℃

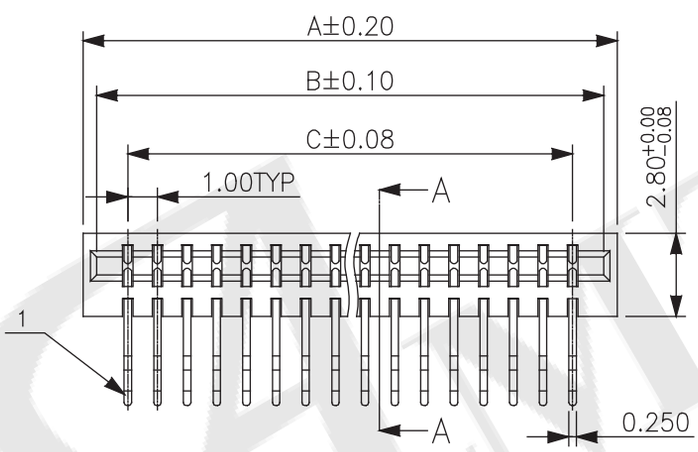
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

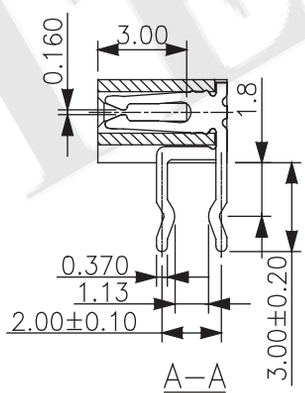


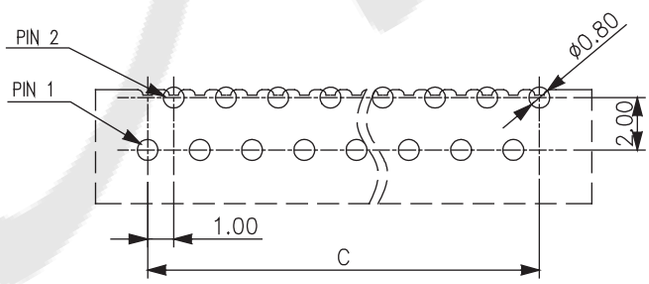




FPC/FFC T=0.30±0.05







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
06	8.00	7.10	5.00
08	10.00	9.10	7.00
10	12.00	11.10	9.00
14	16.00	15.10	13.00
16	18.00	17.10	15.00
18	20.00	19.10	17.00

ORDER INFORMATION

5 F P 3 B 1 R A D - X X T 0 B U T - 0 1

- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS +Nylon 6T
- T: T:Tube, W/O Cap

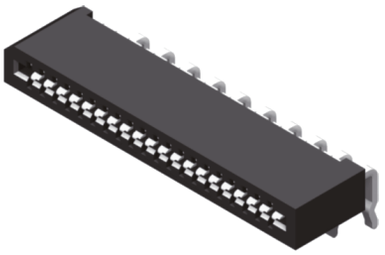
◎:Standard Recommend

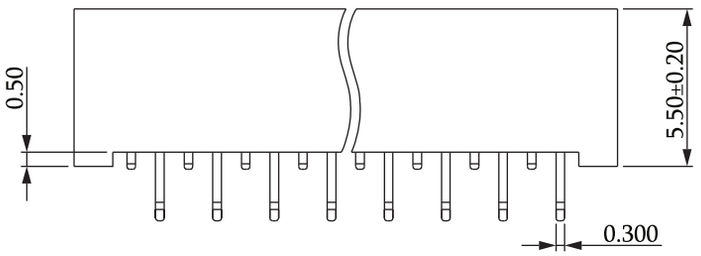
Old P/N:FPC3BRL6

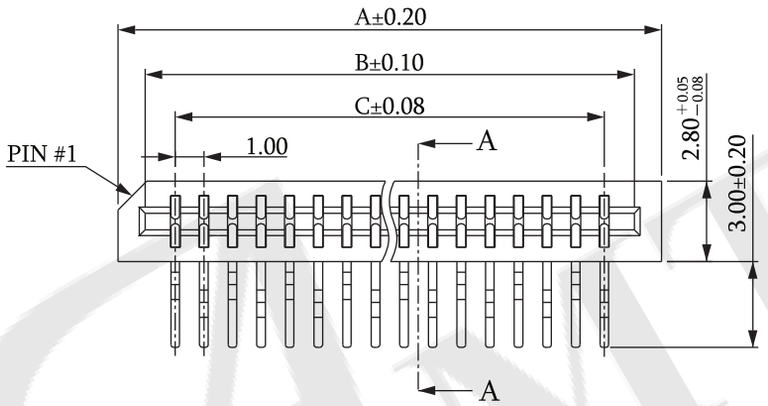
FPC/FFC 1.0mm Non ZIF Right Angle Type Side Entry H=2.8mm

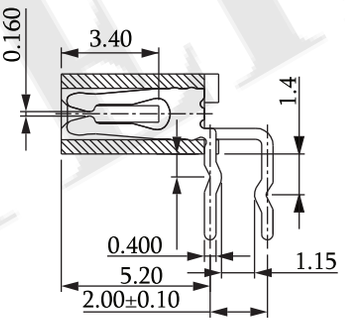
Specifications
Current Rating:1 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25℃ to +85℃

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

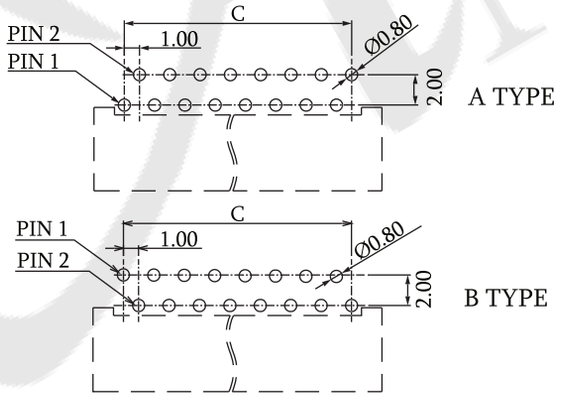








A-A



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions A	B	C	No. of Contacts	Dimensions A	B	C
02	5.00	3.10	1.00	20	23.00	21.10	19.00
03	6.00	4.10	2.00	21	24.00	22.10	20.00
04	7.00	5.10	3.00	22	25.00	23.10	21.00
05	8.00	6.10	4.00	23	26.00	24.10	22.00
06	9.00	7.10	5.00	24	27.00	25.10	23.00
07	10.00	8.10	6.00	25	28.00	26.10	24.00
08	11.00	9.10	7.00	26	29.00	27.10	25.00
09	12.00	10.10	8.00	27	30.00	28.10	26.00
10	13.00	11.10	9.00	28	31.00	29.10	27.00
11	14.00	12.10	10.00	29	32.00	30.10	28.00
12	15.00	13.10	11.00	30	33.00	31.10	29.00
13	16.00	14.10	12.00	31	34.00	32.10	30.00
14	17.00	15.10	13.00	32	35.00	33.10	31.00
15	18.00	16.10	14.00	33	36.00	34.10	32.00
16	19.00	17.10	15.00	34	37.00	35.10	33.00
17	20.00	18.10	16.00	35	38.00	36.10	34.00
18	21.00	19.10	17.00	36	39.00	37.10	35.00
19	22.00	20.10	18.00	—	—	—	—

ORDER INFORMATION

5 F P 3 B 2 R X D - X X T 0 B U T - 0 1

- X: PCB Layout — A:A Type; B:B Type
- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS +Nylon 6T
- T: T:Tube, W/O Cap
- 01: 01

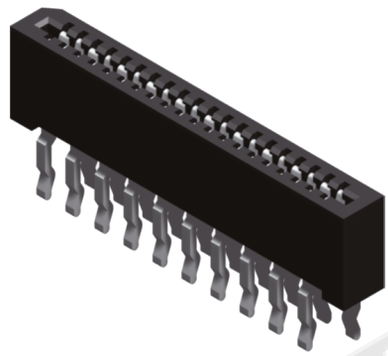
◎:Standard Recommend

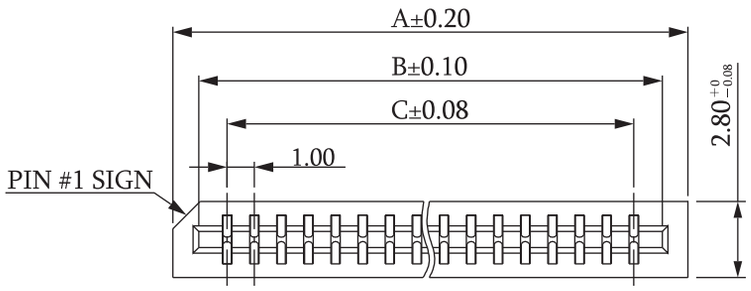
Old P/N:FPC3BR6

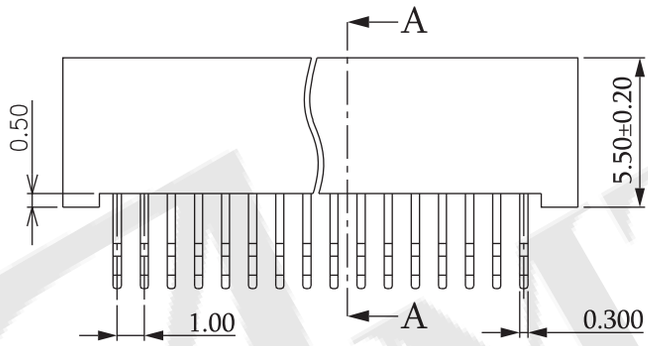
FPC/FFC 1.0mm Non ZIF Straight Type Top Entry H=5.5

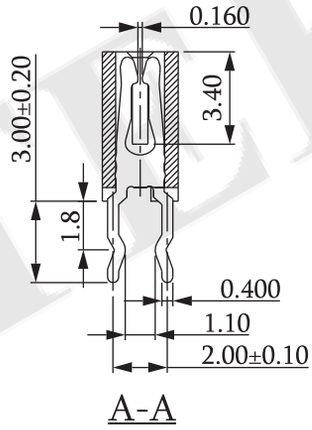
Specifications
Current Rating:1 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25℃ to +85℃

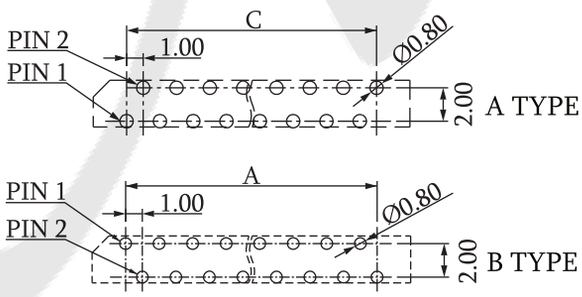
Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated











Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	1.00	3.10	5.00	20	19.00	21.10	23.00
03	2.00	4.10	6.00	21	20.00	22.10	24.00
04	3.00	5.10	7.00	22	21.00	23.10	25.00
05	4.00	6.10	8.00	23	22.00	24.10	26.00
06	5.00	7.10	9.00	24	23.00	25.10	27.00
07	6.00	8.10	10.00	25	24.00	26.10	28.00
08	7.00	9.10	11.00	26	25.00	27.10	29.00
09	8.00	10.10	12.00	27	26.00	28.10	30.00
10	9.00	11.10	13.00	28	27.00	29.10	31.00
11	10.00	12.10	14.00	29	28.00	30.10	32.00
12	11.00	13.10	15.00	30	29.00	31.10	33.00
13	12.00	14.10	16.00	31	30.00	32.10	34.00
14	13.00	15.10	17.00	32	31.00	33.10	35.00
15	14.00	16.10	18.00	33	32.00	34.10	36.00
16	15.00	17.10	19.00	34	33.00	35.10	37.00
17	16.00	18.10	20.00	35	34.00	36.10	38.00
18	17.00	19.10	21.00	36	35.00	37.10	39.00
19	18.00	20.10	22.00	—	—	—	—

ORDER INFORMATION

5	F	P	3	B	1	S	X	D	-	X	X	T	0	B	U	T	-	0	1

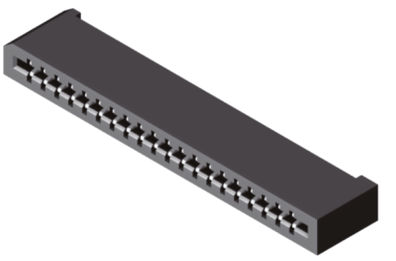
- X: PCB Layout (A:A Type; B:B Type)
- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS +Nylon 6T
- T: T:Tube, W/O Cap
- 01: ◎:Standard Recommend

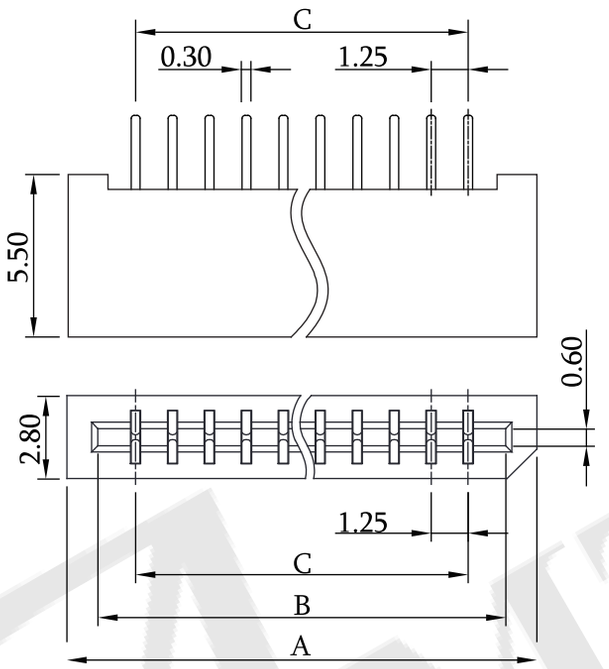
Old P/N:FPC3BS6

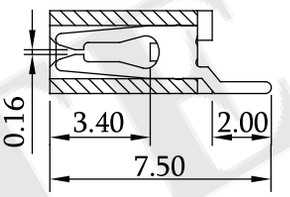
FPC/FFC 1.25mm Non ZIF SMT R/A Type Side Entry H=2.8mm

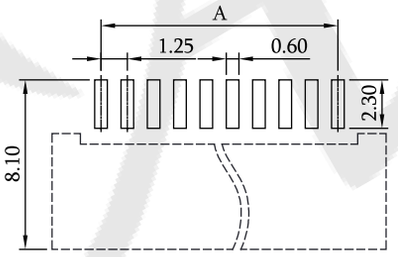
Specifications
Current Rating:0.5 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:250V AC for one minute
Operation Temperature:-55℃ to +85℃

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated









Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	—	—	—	—

ORDER INFORMATION

5 F P 2 B M R N D - X X T 0 B U X - 0 1

- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS + Nylon 6T
- X: ◎T:Tube, W/O Cap; H:Tape & Reel, W/O Cap

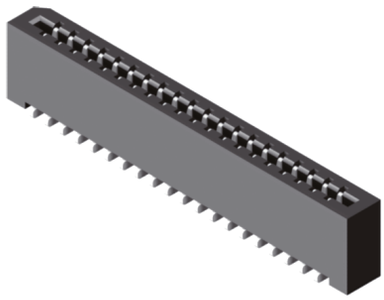
◎:Standard Recommend

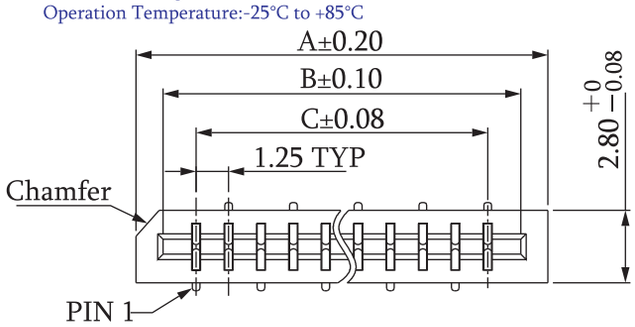
Old P/N:FPC2BMR6

FPC/FFC 1.25mm Non ZIF SMT Type Top Entry H=5.5mm

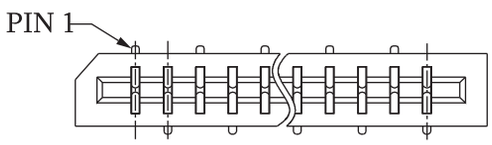
Specifications
Current Rating:1 AMP
Voltage Rating:100V AD/DC
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25℃ to +85℃

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

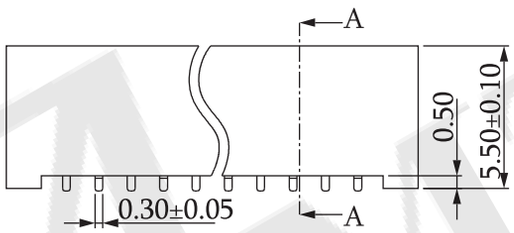


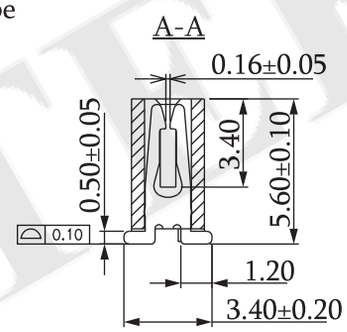


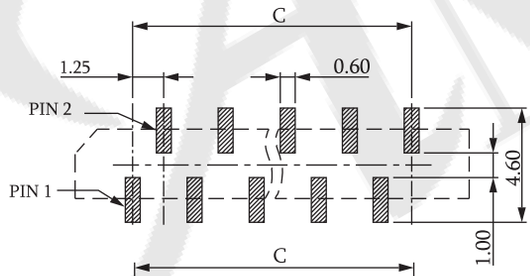
A Type



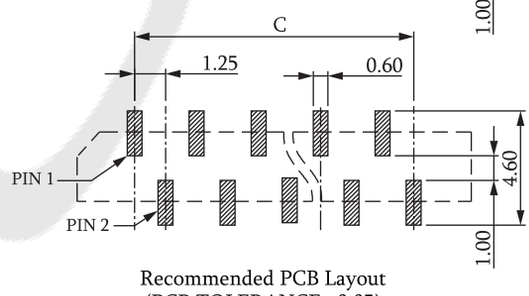
B Type







A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
04	8.40	6.30	3.75
05	9.65	7.55	5.00
06	10.90	8.80	6.25
08	13.40	11.30	8.75
10	15.90	13.80	11.25
11	17.15	15.05	12.50
16	23.40	21.30	18.75
17	24.65	22.55	20.00
18	25.90	23.80	21.25
20	28.40	26.30	23.75
24	33.40	31.30	28.75
26	35.90	33.80	31.25
27	37.15	35.05	32.50
28	38.40	36.30	33.75
36	48.40	46.30	43.75

ORDER INFORMATION

5 F P 2 B M S | X D - | X X | T 0 | B | U | X | - 0 1

- X D: PCB Layout — A:A Type; B:B Type
- X X: No. of Contacts
- T 0: T0:Tin Plated
- B: Black Insulator
- U: U:RoHS + Nylon 6T
- X: ◎T:Tube, W/O Cap; F:Tube, With Mylar; H:Tape & Reel, W/O Cap; M:Tape & Reel, With Mylar
- 0 1

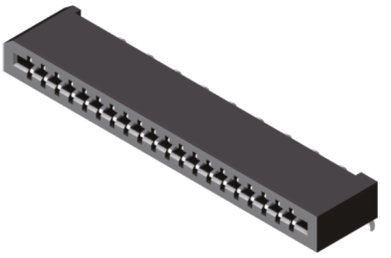
◎:Standard Recommend

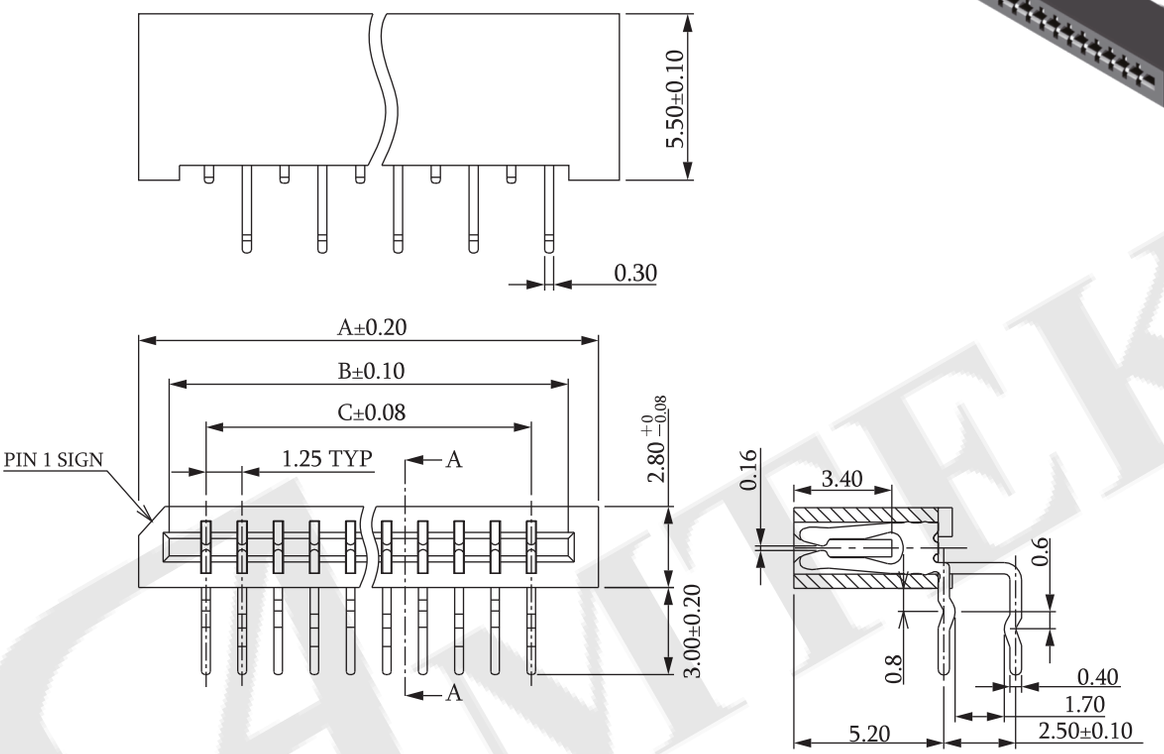
Old P/N:FPC2BMS6

FPC/FFC 1.25mm Non ZIF Right Angle Type Side Entry H=2.8mm

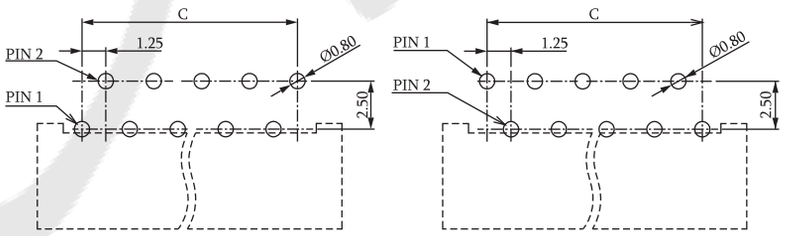
Specifications
Current Rating:1 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25℃ to +85℃

Material
Insulator:High Temperature Thermoplastic, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated





SCALE A-A



A Type B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions		
	A	B	C
04	8.40	6.30	3.75
05	9.65	7.55	5.00
06	10.90	8.80	6.25
08	13.40	11.30	8.75
10	15.90	13.80	11.25
11	17.15	15.05	12.50
16	23.40	21.30	18.75
17	24.65	22.55	20.00
18	25.90	23.80	21.25
20	28.40	26.30	23.75
24	33.40	31.30	28.75
26	35.90	33.80	31.25
27	37.15	35.05	32.50
28	38.40	36.30	33.75
36	48.40	46.30	43.75

ORDER INFORMATION

5 F P 2 B 1 R X D - X X T 0 B U T - 0 1

- PCB Layout: A:A Type; B:B Type
- No. of Contacts
- T0:Tin Plated
- Black Insulator
- U:RoHS + Nylon 6T
- T:Tube, W/O Cap

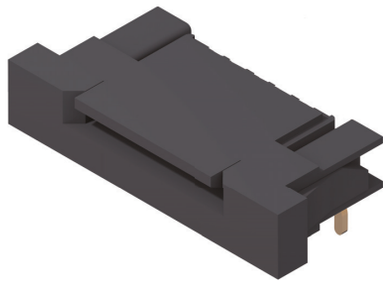
◎:Standard Recommend

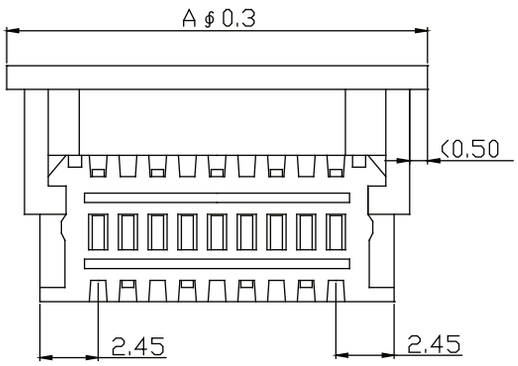
Old P/N:FPC2BR6

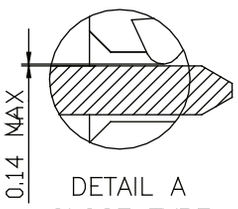
FPC/FFC 1.25mm Non ZIF Right Angle Type Side Entry H=5.0mm

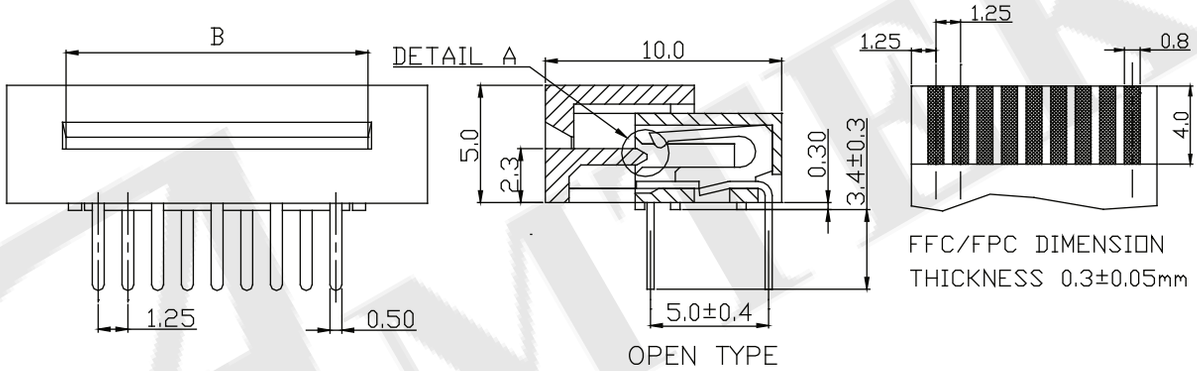
Specifications
Current Rating:1.0 AMP
Voltage Rating:200V AC/DC
Insulation Resistance:500MΩ Min.
Contact Resistance:20mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-20°C to +85°C

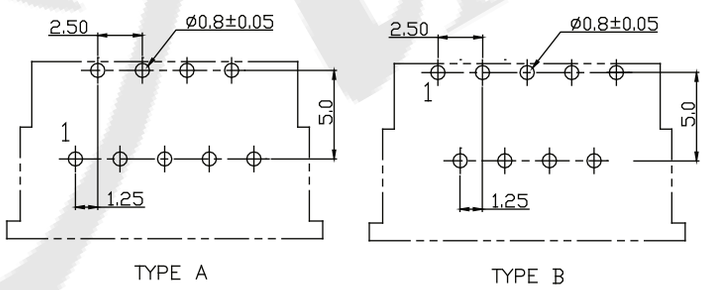
Material
Insulator:PBT, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated











Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions A	Dimensions B	No. of Contacts	Dimensions A	Dimensions B
3	9.55	5.20	18	28.30	23.95
4	10.80	6.45	19	29.55	25.20
5	12.05	7.70	20	30.80	26.45
6	13.30	8.95	21	32.05	27.70
7	14.55	10.20	22	33.30	28.95
8	15.8	11.45	23	34.55	30.20
9	17.05	12.70	24	35.80	31.45
10	18.30	13.95	25	37.05	32.70
11	19.55	15.20	26	38.30	33.95
12	20.80	16.45	27	39.55	35.20
13	22.05	17.70	28	40.80	36.45
14	23.30	18.95	29	42.05	37.70
15	24.55	20.20	30	43.30	38.95
16	25.80	21.45	31	44.55	40.20
17	27.50	22.70	32	45.80	41.45

ORDER INFORMATION

5	F	P	2	A	3	R	U	M	-	X	X	T	0	B	L	T	-	0	X

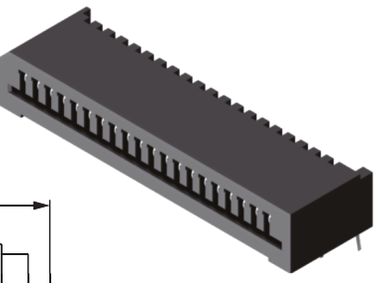
- Upper Contact
- No. of Contacts
- T0:Tin Plated
- Black Insulator
- L:RoHS +PBT
- T:Tube, W/O Cap
- 1:A Type 2:B Type

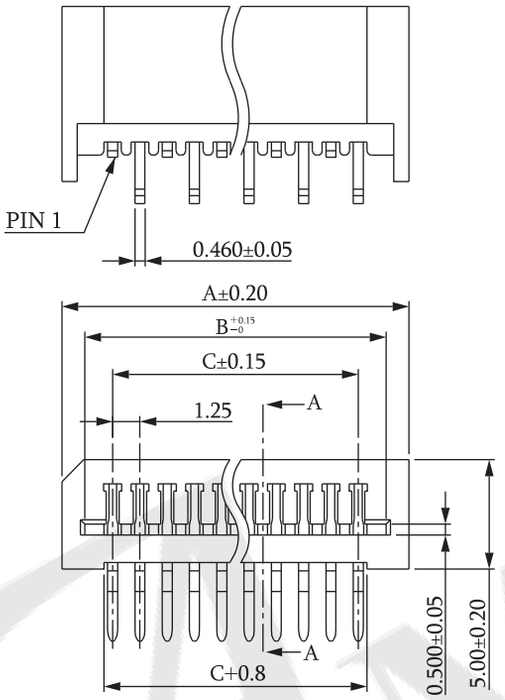
◎:Standard Recommend

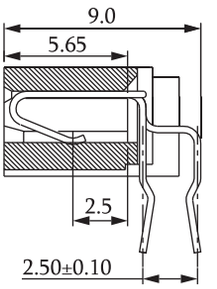
FPC/FFC 1.25mm Non ZIF Single Contact Right Angle Type Side Entry H=5.0mm

Specifications
Current Rating:1.0 AMP
Voltage Rating:200V AC/DC
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25°C to +85°C

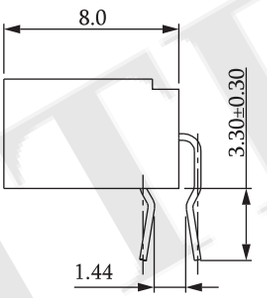
Material
Insulator:PBT, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

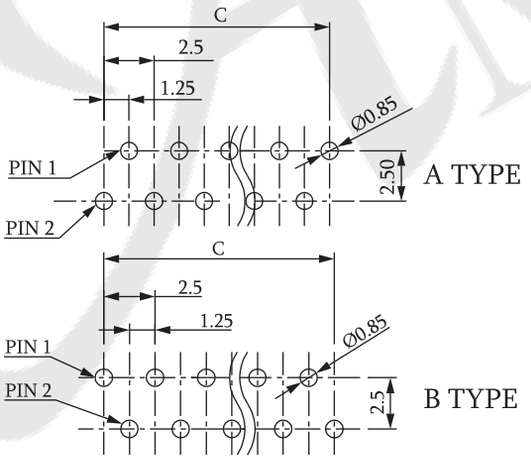






A-A





Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	—	—	—	—

ORDER INFORMATION

5 F P 2 B 2 R X D - X X T 0 B L T - 0 1

- X: PCB Layout (A:A Type, B:B Type)
- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- L: L:RoHS + PBT
- T-01: T:Tube, W/O Cap

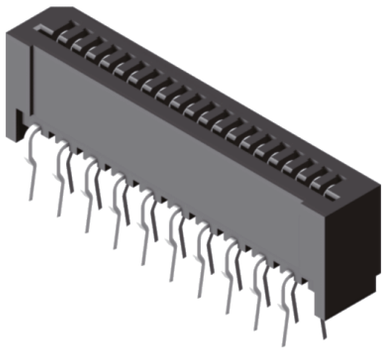
© :Standard Recommend

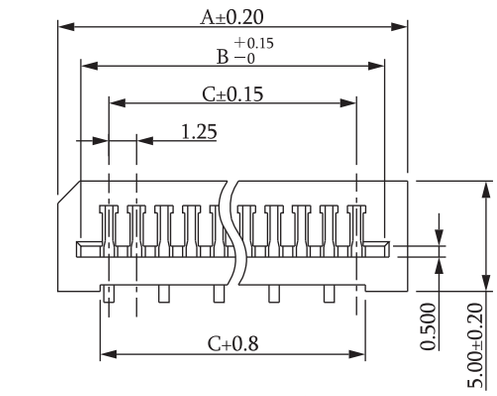
Old P/N:FPC2BRS6

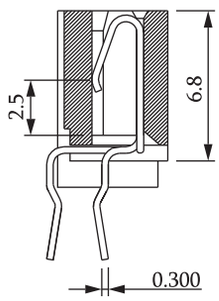
FPC/FFC 1.25mm Non ZIF Single Contact Straight Type Top Entry H=8.0mm

Specifications
Current Rating:1.0 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25°C to +85°C

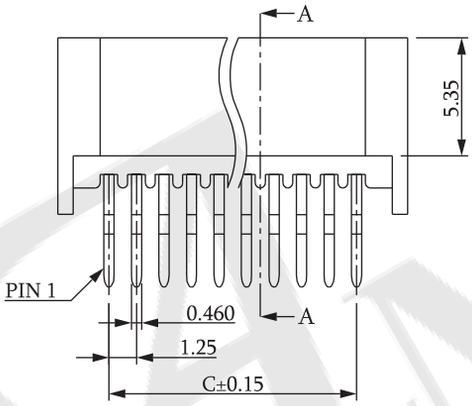
Material
Insulator:PBT, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

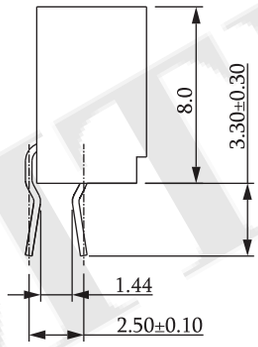


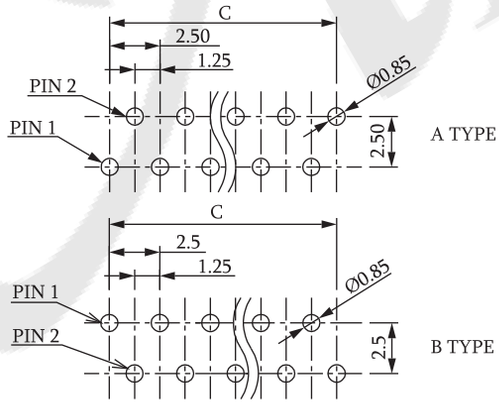




A-A







Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	5.90	3.80	1.25	20	28.40	26.30	23.75
03	7.15	5.05	2.50	21	29.65	27.55	25.00
04	8.40	6.30	3.75	22	30.90	28.80	26.25
05	9.65	7.55	5.00	23	32.15	30.05	27.50
06	10.90	8.80	6.25	24	33.40	31.30	28.75
07	12.15	10.05	7.50	25	34.65	32.55	30.00
08	13.40	11.30	8.75	26	35.90	33.80	31.25
09	14.65	12.55	10.00	27	37.15	35.05	32.50
10	15.90	13.80	11.25	28	38.40	36.30	33.75
11	17.15	15.05	12.50	29	39.65	37.55	35.00
12	18.40	16.30	13.75	30	40.90	38.80	36.25
13	19.65	17.55	15.00	31	42.15	40.05	37.50
14	20.90	18.80	16.25	32	43.40	41.30	38.75
15	22.15	20.05	17.50	33	44.65	42.55	40.00
16	23.40	21.30	18.75	34	45.90	43.80	41.25
17	24.65	22.55	20.00	35	47.15	45.05	42.50
18	25.90	23.80	21.25	36	48.40	46.30	43.75
19	27.15	25.05	22.50	—	—	—	—

ORDER INFORMATION

5 F P 2 B 2 S X D - X X T 0 B L T - 0 1

- X: A:A Type, B:B Type
- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- L: L:RoHS + PBT
- T-01: T:Tube, W/O Cap

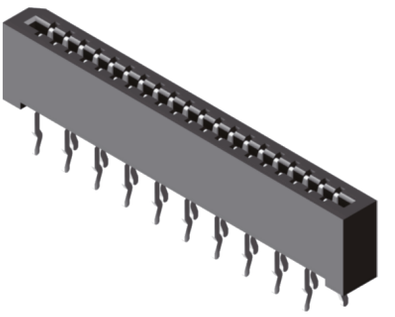
◎:Standard Recommend

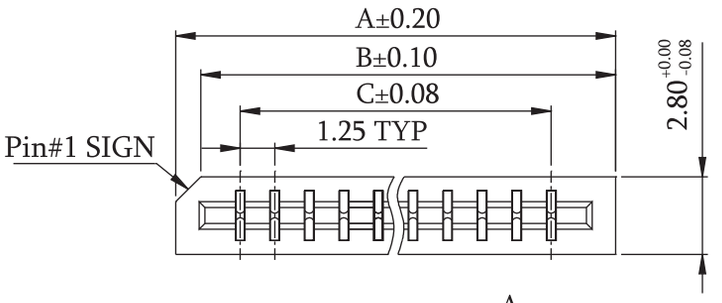
Old P/N:FPC2BSS6

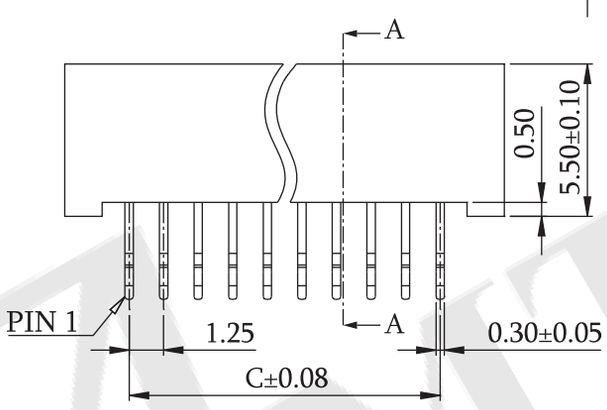
FPC/FFC 1.25mm Non ZIF Straight Type Top Entry H=5.5mm

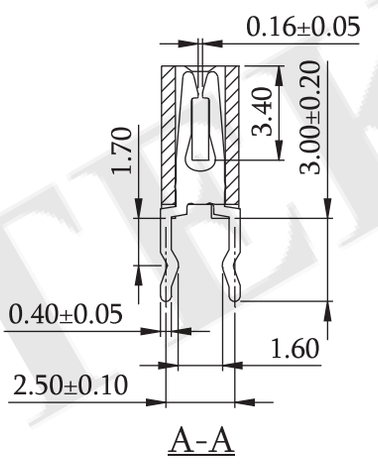
Specifications
Current Rating:1.0 AMP
Insulation Resistance:500MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-25℃ to +85℃

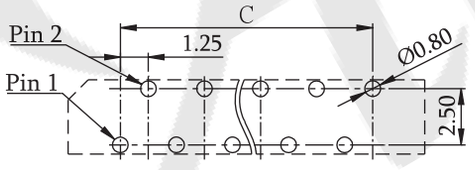
Material
Insulator:High Temperature Thermoplastic,UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated



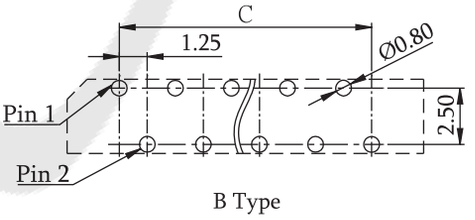








A Type



B Type

Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
—	—	—	—	17	24.65	22.55	20.00
03	7.15	5.05	2.50	18	25.90	23.80	21.25
04	8.40	6.30	3.75	19	27.15	25.05	22.50
05	9.65	7.55	5.00	20	28.40	26.30	23.75
06	10.90	8.80	6.25	21	29.65	27.55	25.00
07	12.15	10.05	7.50	22	30.90	28.80	26.25
08	13.40	11.30	8.75	23	32.15	30.05	27.50
09	14.65	12.55	10.00	24	33.40	31.30	28.75
10	15.90	13.80	11.25	25	34.65	32.55	30.00
11	17.15	15.05	12.50	26	35.90	33.80	31.25
12	18.40	16.30	13.75	27	37.15	35.05	32.50
13	19.65	17.55	15.00	28	38.40	36.30	33.75
14	20.90	18.80	16.25	29	39.65	37.55	35.00
15	22.15	20.05	17.50	30	40.90	38.80	36.25
16	23.40	21.30	18.75	36	48.40	46.30	43.75

ORDER INFORMATION

5 F P 2 B 1 S X D - X X T 0 B U T - 0 1

- PCB Layout: A:A Type; B:B Type
- No. of Contacts
- T0:Tin Plated
- Black Insulator
- U:RoHS + Nylon 6T
- T:Tube, W/O Cap

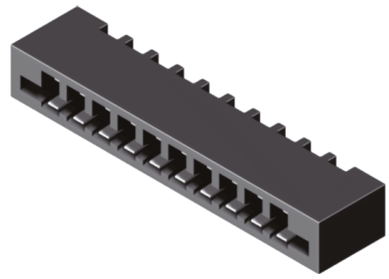
◎:Standard Recommend

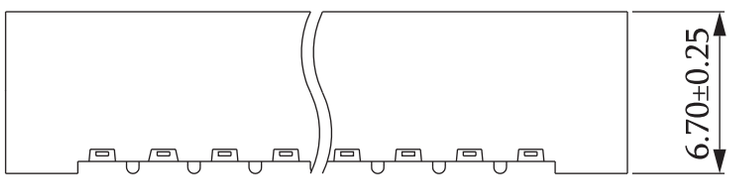
Old P/N:FPC2BS6

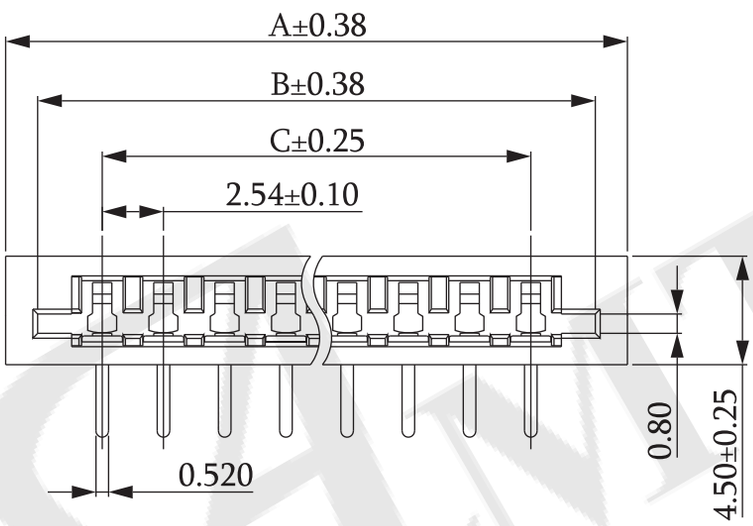
FPC/FFC 2.54mm Non ZIF Single Contact Right Angle Type Side Entry H=4.5mm

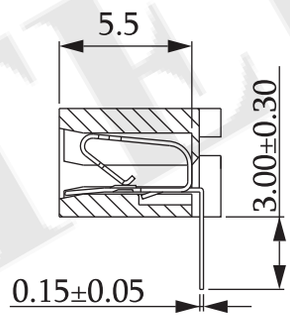
Specifications
Current Rating:3 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:1000V AC for one minute
Operation Temperature:-25℃ to +85℃

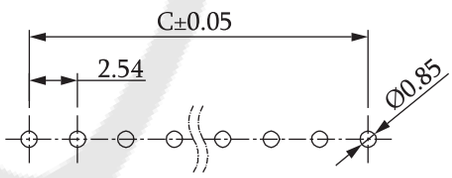
Material
Insulator:PBT, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated











Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions			No. of Contacts	Dimensions		
	A	B	C		A	B	C
02	10.54	8.43	2.54	15	43.56	41.45	35.56
03	13.08	10.97	5.08	16	46.10	43.99	38.10
04	15.62	13.51	7.62	17	48.64	46.53	40.64
05	18.16	16.05	10.16	18	51.18	49.07	43.18
06	20.70	18.59	12.70	19	53.72	51.61	45.72
07	23.24	21.13	15.24	20	56.26	54.15	48.26
08	25.78	23.67	17.78	21	58.80	56.69	50.80
09	28.32	26.21	20.32	22	61.34	59.23	53.34
10	30.86	28.75	22.86	23	63.88	61.77	55.88
11	33.40	31.29	25.40	24	66.42	64.31	58.42
12	35.94	33.83	27.94	25	68.96	66.85	60.96
13	38.48	36.37	30.48	26	71.50	69.39	63.50
14	41.02	38.91	33.02	—	—	—	—

ORDER INFORMATION

5	F	P	1	B	1	R	N	D	-	X	X	T	0	B	L	T	-	0	1

- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- L: L:RoHS + PBT
- T-01: T:Tube, W/O Cap

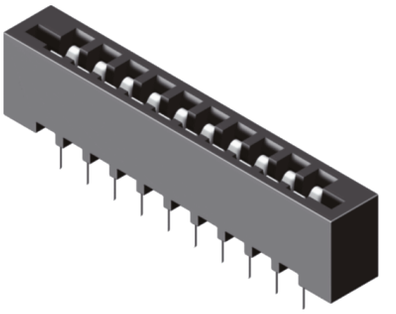
◎:Standard Recommend

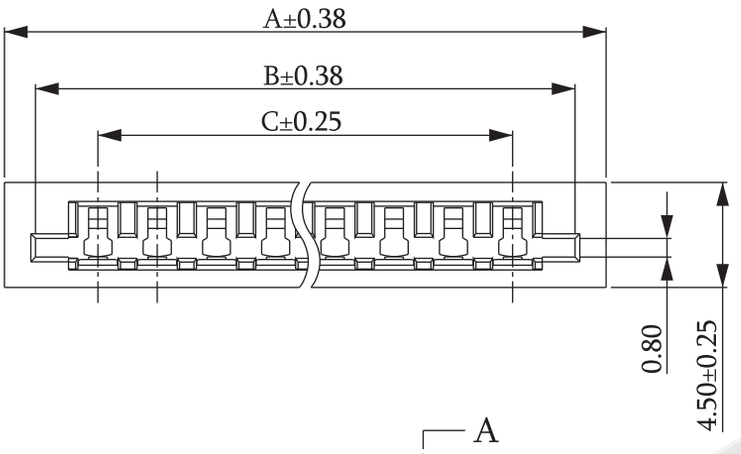
Old P/N:FPC1DR6

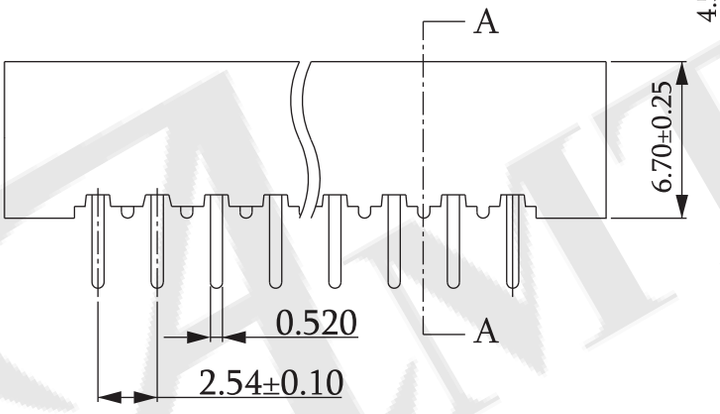
FPC/FFC 2.54mm Non ZIF Single Contact Straight Type Top Entry H=6.7mm

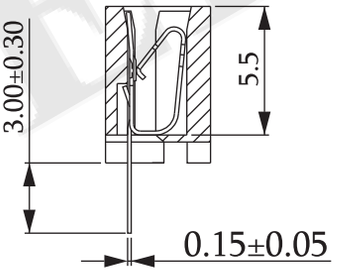
Specifications
Current Rating:3 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:30mΩ Max.
Dielectric Voltage:1000V AC for one minute
Operation Temperature:-25℃ to +85℃

Material
Insulator:PBT, UL 94V-0
Terminal:Copper Alloy
Plated:Tin Plated

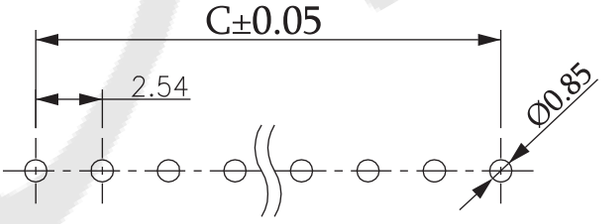








SECTION A-A



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

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05	18.16	16.05	10.16	18	51.18	49.07	43.18
06	20.70	18.59	12.70	19	53.72	51.61	45.72
07	23.24	21.13	15.24	20	56.26	54.15	48.26
08	25.78	23.67	17.78	21	58.80	56.69	50.80
09	28.32	26.21	20.32	22	61.34	59.23	53.34
10	30.86	28.75	22.86	23	63.88	61.77	55.88
11	33.40	31.29	25.40	24	66.42	64.31	58.42
12	35.94	33.83	27.94	25	68.96	66.85	60.96
13	38.48	36.37	30.48	26	71.50	69.39	63.50
14	41.02	38.91	33.02	–	–	–	–

ORDER INFORMATION

5	F	P	1	B	1	S	N	D	-	X	X	T	0	B	L	T	-	0	1

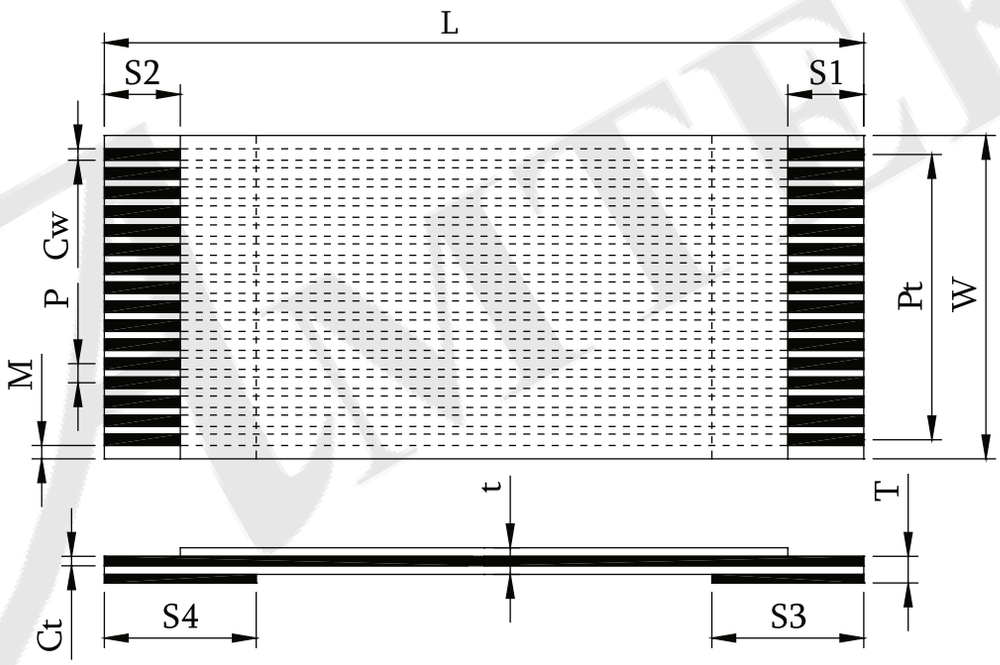
- XX: No. of Contacts
- T0: T0:Tin Plated
- B: Black Insulator
- L: L:RoHS + PBT
- T-01: T:Tube, W/O Cap

◎:Standard Recommend

Old P/N:FPC1DS6

Flexible Flat Cable

Description	Abbr.	Formulation	Tolrence							
Pitch	P	Typical	P=0.3	P=0.5	P=0.8	P=1.0	P=1.25	P=1.27	P=2.00	P=2.54
			±0.05	±0.05	±0.08	±0.08	±0.10	±0.10	±0.10	±0.10
No. of Contacts			21~100	06~90	05~80	04~70	04~70	04~70	04~35	04~33
Total Pitch	Pt	Px(n-1)	±0.05	±0.05	±0.08	±0.08	±0.12	±0.12	±0.12	±0.12
Width	W	Px(n+1)	±0.12	±0.12	±0.15	±0.15	±0.20	±0.20	±0.20	±0.20
Margin	M	P-(Cw×1/2)	±0.08	±0.08	±0.13	±0.13	±0.18	±0.18	±0.18	±0.18
Conduct Width	Cw	Typical	0.2	0.3	0.5	0.65	0.8	0.8	0.8	1.27
Conduct Thickness	Ct	Typical	0.035 / 0.05 / 0.1							
Total(Cable) Length	L	Typical	Over 30mm							
Strip Length	S1/S2	Typical	3/4/5/6							
Support Tape Length	S3/S4	Typical	6/8/10/12/15							
Terminal Thickness	T	Typical	0.2/0.3±0.05mm							



ORDER INFORMATION

F X X X X - X X X (4/4 / 8/8) XXXXX X

Pitch
- A=Pitch 1.0mm
- B=Pitch 1.25mm
- C=Pitch 0.5mm
- D=Pitch 2.54mm
- E=Pitch 0.3mm
- F=Pitch 0.8mm
- G=Pitch 1.27mm
- H=Pitch 2.0mm

No. of Contacts (See Table)

Cable Length(L) (Over 30mm)

Strip Length(S1/S2) (3/4/5/6)

Support tape Length(S3/S4) (6/8/10/12/15)

UL Standard

2896:	80°C,30V
20624:	80°C,60V
2643:	105°C,300V
20706:	105°C,60V

Type

A		C	
B		D	

◎F:Flexible (For Pitch:0.5~1.27)	Ct=0.05 t=0.14 (Pitch 0.3mm t=0.20)
	Ct=0.05 t=0.20 (2643)
S:Super Flexible (For Pitch:0.5/1.0/1.25)	Ct=0.035 t=0.12
	Ct=0.035 t=0.195 (2643)
L:Low Flexible (Ct=0.1)	t=0.22 (20706)
	t=0.22 (2896)
	t=0.22 (20624)
	t=0.26 (2643)

☆Remark

(1)S3/S4 have to be longer than S1/S2

(2)UL 2643 only for low flexible products

(3)For Pitch:0.3mm,the recommended terminal thickness is 0.2mm.

(4)Terminal thickness 0.2mm option is only for Flexible and Super Flexible.

Add. Option
- Blank:W/O Add. Option
- A:Al. Foil
- B:Copper Foil
- C:Conductive Fabric
- D:Mylar

◎:Standard Recommend