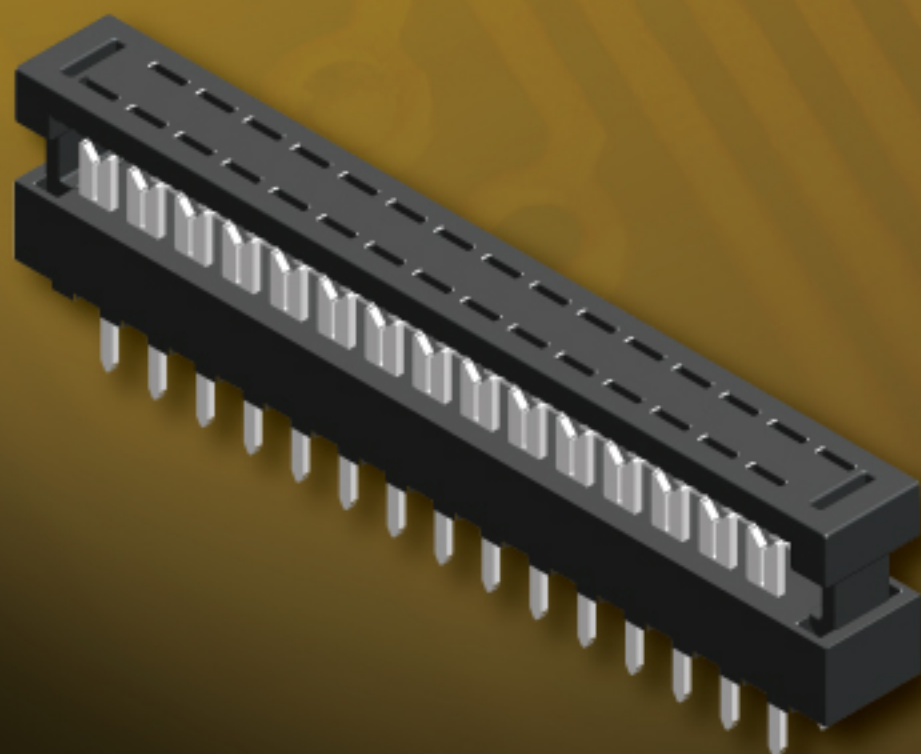


Board To Wire & Wire To Wire Connectors

3-139~3-142 • Dip Plug

3-143~3-146 • IDC Socket



AMTEK Technology Co., Ltd

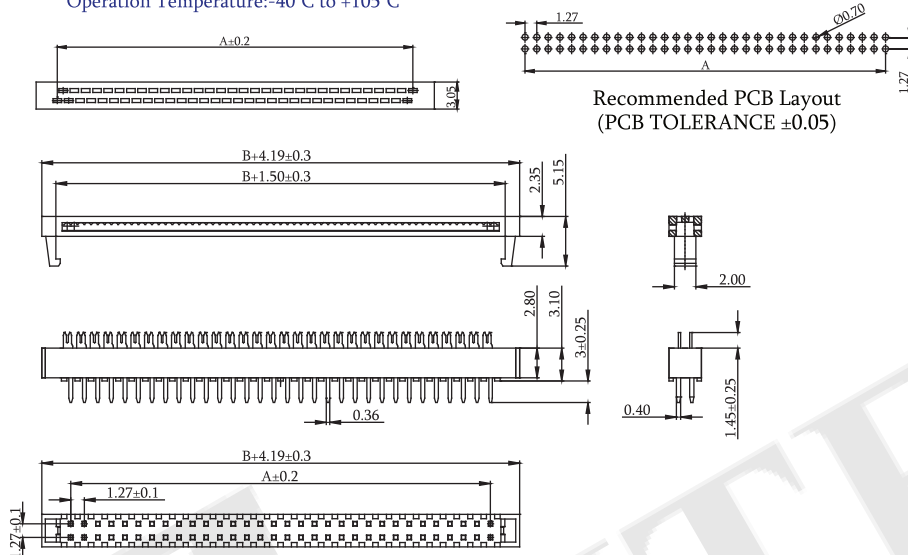
Dip Plug 1.27mm 2 Rows

Specifications

Current Rating:1 AMP
Insulation Resistance:1000MΩ Min.
Contact Resistance:20mΩ Max.
Dielectric Voltage:500V AC for one minute
Operation Temperature:-40°C to +105°C

Material

Insulator: PBT+30%G.F, UL 94V-0, Black
Terminal: Copper Alloy
Plating: Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

©Mate With Flat Cable Pitch 0.635mm

No. of Contacts	Dim. A	Dim. B
06	2.54	3.81
08	3.81	5.08
10	5.08	6.35
12	6.35	7.62
14	7.62	8.89
16	8.89	10.16
18	10.16	11.43
20	11.43	12.70
24	13.97	15.24
26	15.24	16.51
30	17.78	19.05
34	20.32	21.59
40	24.13	25.40
44	26.67	27.94
50	30.48	31.75
60	36.83	38.10
64	39.37	40.64
80	49.53	50.80

P/N.:58D3SNN-XXT0T-C1

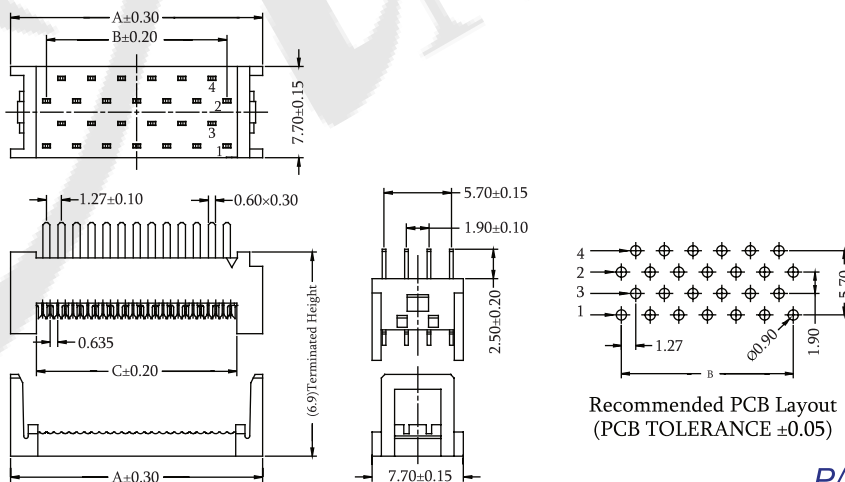
Dip Plug 1.27mm 4 Rows

Specifications

Current Rating:1 AMP
Insulation Resistance:1000MΩ Min
Contact Resistance:30mΩ Max
Dielectric Voltage:500V AC for one minute
Operation Temperature:-40°C to +105°C

Material

Insulator: LCP + 30% G.F, UL94V-0
Cover: PBT + 30% G.F, UL94V-0
Terminal: Copper Alloy
Plating: Tin Plated



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dim. A	Dim. B	Dim. C
10	11.13	5.08	6.76
20	17.48	11.43	13.11
26	21.29	15.24	16.92
30	23.83	17.78	19.46
40	30.18	24.13	25.81
50	36.53	30.45	32.16
60	42.88	36.83	38.51
68	47.96	41.91	43.59
70	49.23	43.18	44.86
72	50.50	44.45	46.13
80	55.58	49.53	51.21
90	61.93	55.88	57.56
100	68.28	62.23	63.91

P/N.:58D4SNN-XXXXA-A1

ORDER INFORMATION

5	8	D	X	S	N	N	-	X	X	X	X	A	-	X	1
3:Pitch 1.27×1.27 4:Pitch 1.27×4 Row				S:DIP Straight Type				No. of Contacts		©S0:Selective T0:Tin Plated		A:Tray			

©:Standard Recommended

Old P/N: DP4-XX-L
DP3-XX-L

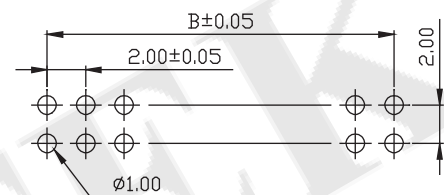
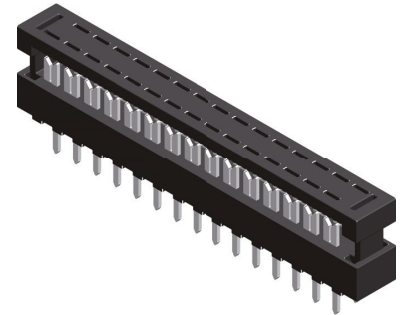
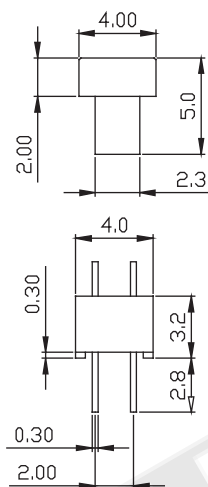
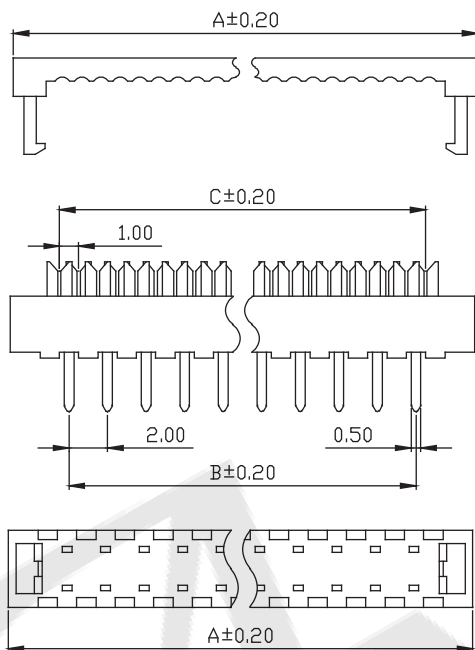
Dip Plug 2.0mm

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 15mΩ Max.
Withstand Voltage: 500V AC/DC
Operation Temperature: -40°C to +105°C

Material

Insulator: PBT+30%G.F, UL 94V-0, Black
Terminal: Copper Alloy
Plating: Tin Plated



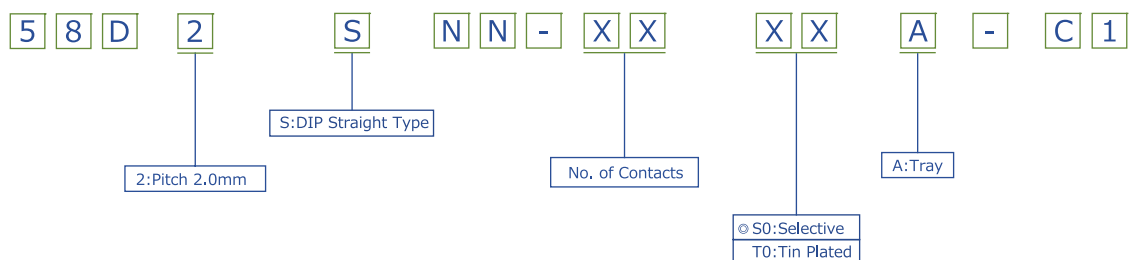
Recommended PCB Layout
(PCB TOLERANCE ± 0.05)

©Mate With Flat Cable Pitch 1.0mm

No. of Contacts	Dim. A	Dim. B	Dim. C
06	10.1	4.0	5.0
08	12.1	6.0	7.0
10	14.1	8.0	9.0
12	16.1	10.0	11.0
14	18.1	12.0	13.0
16	20.1	14.0	15.0
18	22.4	16.0	17.0
20	24.1	18.0	19.0
22	26.1	20.0	21.0
24	28.1	22.0	23.0
26	30.1	24.0	25.0
28	32.1	26.0	27.0
30	34.1	28.0	29.0
32	36.1	30.0	31.0

No. of Contacts	Dim. A	Dim. B	Dim. C
34	38.1	21.0	33.0
36	40.1	34.0	35.0
38	42.1	36.0	37.0
40	44.1	38.0	39.0
42	46.1	40.0	41.0
44	48.1	42.0	43.0
46	50.1	44.0	45.0
48	52.1	46.0	47.0
50	54.1	48.0	49.0
52	56.1	50.0	51.0
54	58.1	52.0	53.0
56	60.1	54.0	55.0
58	62.1	56.0	57.0
60	64.1	58.0	59.0

ORDER INFORMATION



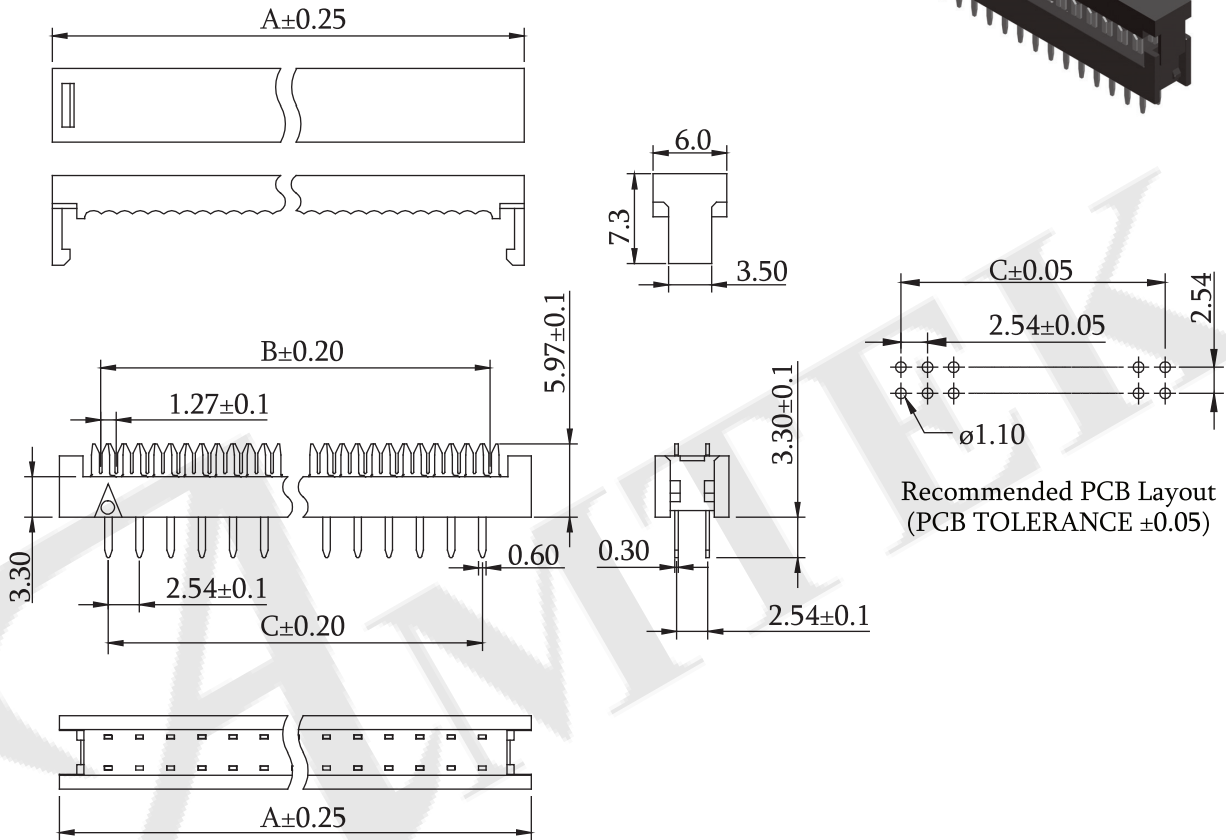
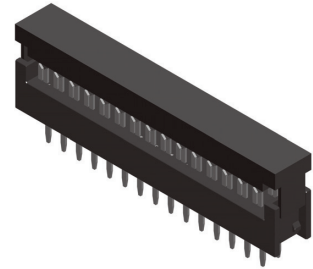
Dip Plug 2.54mm 0.1"

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 15mΩ Max.
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

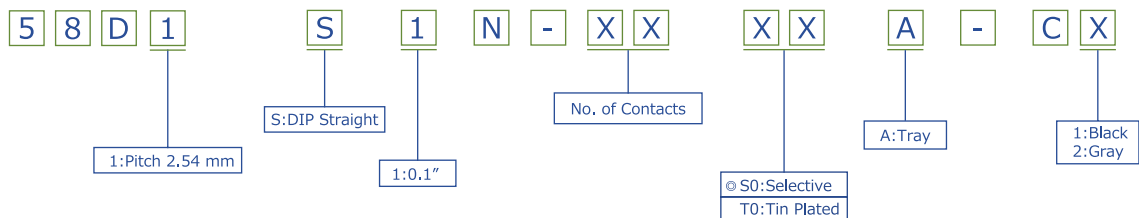
Insulator: PBT, UL94V-0
Terminal: Copper Alloy
Plating: Tin Plated



◎ Mate With Flat Cable Pitch 1.27mm

No. of Contacts	Dim. A	Dim. B	Dim. C	No. of Contacts	Dim. A	Dim. B	Dim. C
06	13.07	6.35	5.08	26	38.47	31.75	30.48
08	15.61	8.89	7.62	30	43.55	36.83	35.56
10	18.15	11.43	10.16	34	48.63	41.91	40.64
12	20.69	13.97	12.70	40	51.17	44.45	43.18
14	23.23	16.51	15.24	44	56.25	49.53	48.26
16	25.77	19.05	17.78	50	68.95	62.33	60.96
18	28.31	21.59	20.32	60	81.65	74.93	73.66
20	30.85	24.13	22.86	64	86.73	80.01	78.74
24	35.93	29.21	27.94				

ORDER INFORMATION



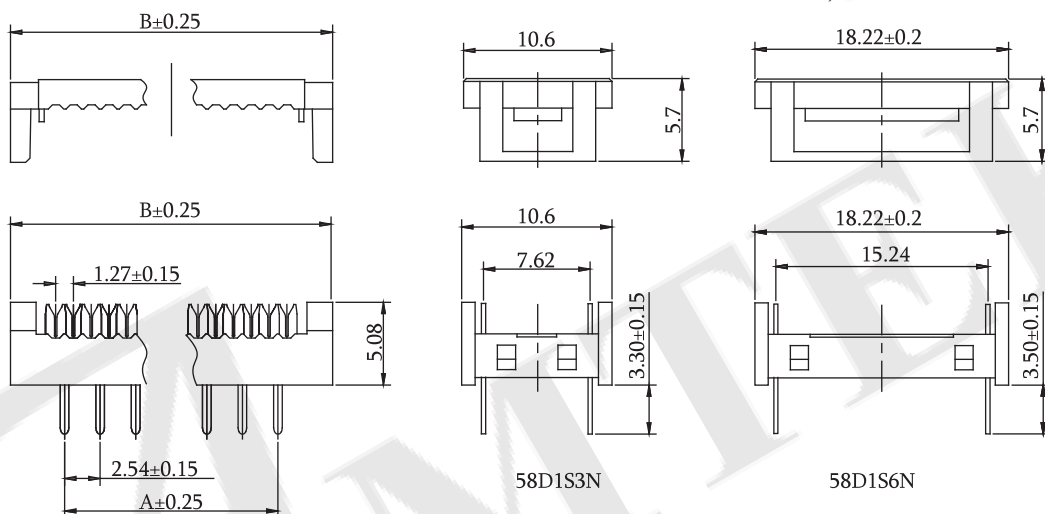
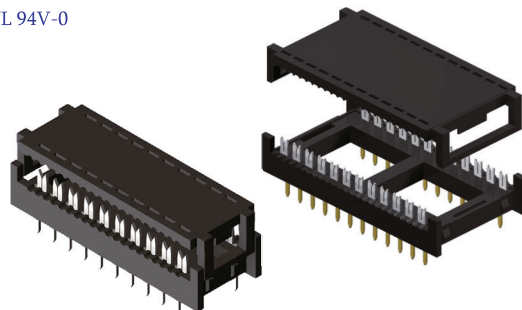
Dip Plug 2.54mm 0.3"

Specifications

Current Rating:1 AMP
Insulation Resistance:100 MΩ Min.
Voltage Rating:250V AC,DC
Contact Resistance:1Ω Max.
Dielectric Voltage:550V AC for one minute
Operation Temperature:-40°C to +105°C

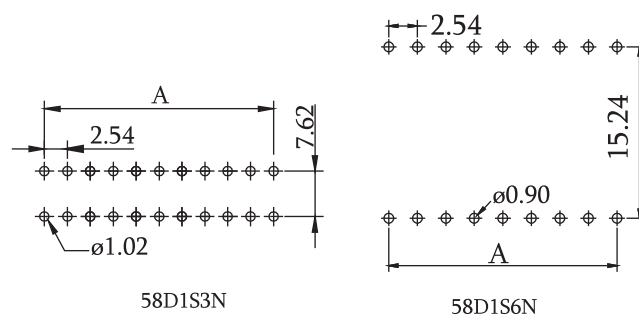
Material

Insulator:PBT+GLASS FIBER,UL 94V-0
Contact Pin:Copper Alloy
Finish:Gold Plated Over Nickel



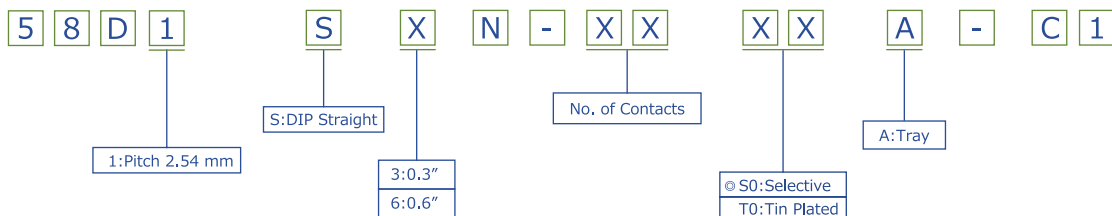
◎ Mate With Flat Cable Pitch 1.27mm

No. of Contacts	Din. A	Dim.B	
08	7.62	15.42	0.3"
10	10.16	17.96	
14	15.24	23.04	
16	17.78	25.58	
18	20.32	28.12	
20	22.86	30.66	0.3" or 0.6"
24	27.94	35.74	
28	33.02	40.82	
32	38.10	45.90	0.6"
34	40.64	48.44	
36	43.18	50.98	
40	48.26	56.06	0.3" or 0.6"



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

ORDER INFORMATION



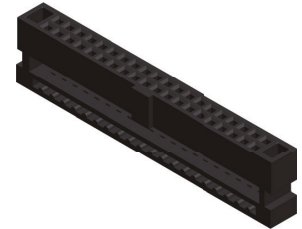
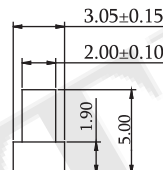
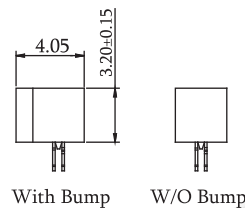
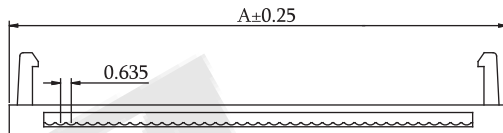
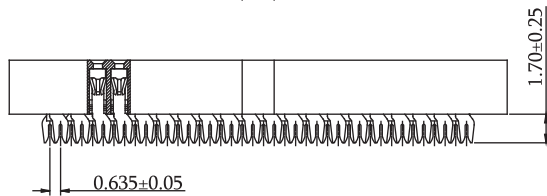
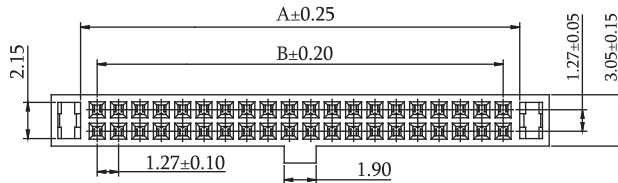
IDC Socket 1.27×1.27mm

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min
Contact Resistance: 20mΩ Max
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

Insulator: PBT+G.F,UL94V-0
Terminal: Copper Alloy



©Mate With Flat Cable Pitch 0.635mm

No. of Contacts	Dim. A	Dim. B
10	10.54	5.08
12	11.81	6.35
20	16.89	11.43
26	20.70	15.24
30	23.24	17.78
34	25.78	20.32
40	29.59	24.13
44	32.13	26.67
50	35.94	30.48
60	42.29	36.83
68	47.37	41.91
80	54.99	49.53

P/N.:58I3DAB-XXXXA-1

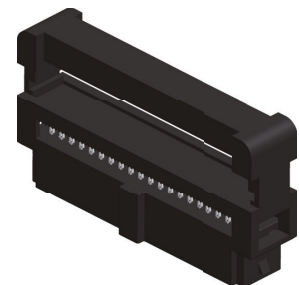
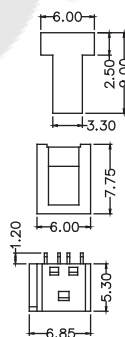
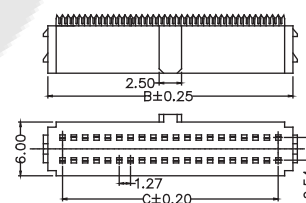
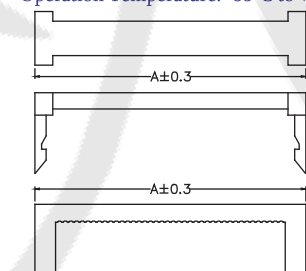
IDC Socket 1.27×2.54mm

Specifications

Current Rating: 0.5 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 30mΩ Max.
Dielectric Voltage: 300V AC for one minute
Operation Temperature: -55°C to +105°C

Material

Insulator: PBT+30%G.F, UL 94V-0
Terminal: Copper Alloy



©Mate With Flat Cable Pitch 0.635mm

No. of Contacts	Dim. A	Dim. B	Dim. C
10	11.25	8.35	5.08
12	12.52	9.62	6.35
14	13.79	10.89	7.62
16	15.06	12.16	8.89
20	17.60	14.70	11.43
24	20.14	17.24	13.97
26	21.41	18.51	15.24
30	23.95	21.05	17.78
34	26.49	23.59	20.32
40	30.30	27.40	24.13
50	36.65	33.75	30.48
60	43.00	40.10	36.83
100	68.50	65.50	62.23

P/N.:58I4DAX-XXXXA-1

ORDER INFORMATION

5	8	I	X	D	A	X	-	X	X	X	X	A	-	1
			D:IDC		A:Type A		No. of Contacts					A:Tray		
3:Pitch 1.27×1.27 4:Pitch 1.27×2.54			A:With Bump,SR B:With Bump,W/O SR			◎G0:Gold Flash S0:Selective GA:Gold 5u" SA:Selective 5u" GB:Gold 10u" SB:Selective 10u" GC:Gold 20u" SC:Selective 20u" GD:Gold 30u" SD:Selective 30u"								

◎:Standard Recommended

Old P/N:IDC4-XX-L
IDC3-XX-L

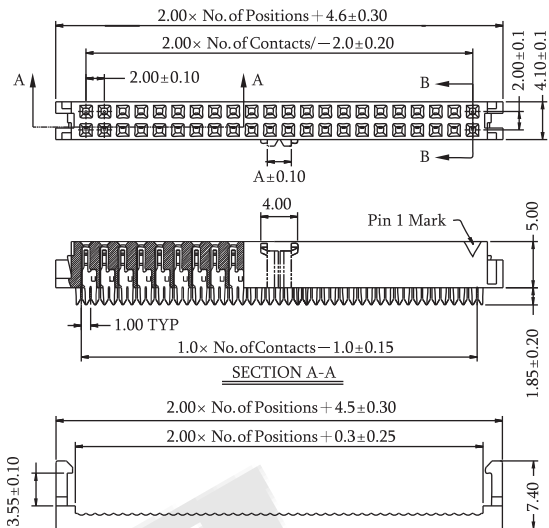
IDC Socket 2.0mm C Type

Specifications

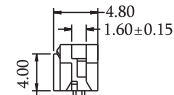
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 20mΩ Max.
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

Insulator: PBT+30%G.F, UL 94V-0
Terminal: Copper Alloy



SECTION B-B



B: With Bump, W/O SR



D: W/O Bump, W/O SR

No. of Contacts	Dim. A
06	2.00
08~64	2.60

P/N.: 58I2DCX-XXS0A-1

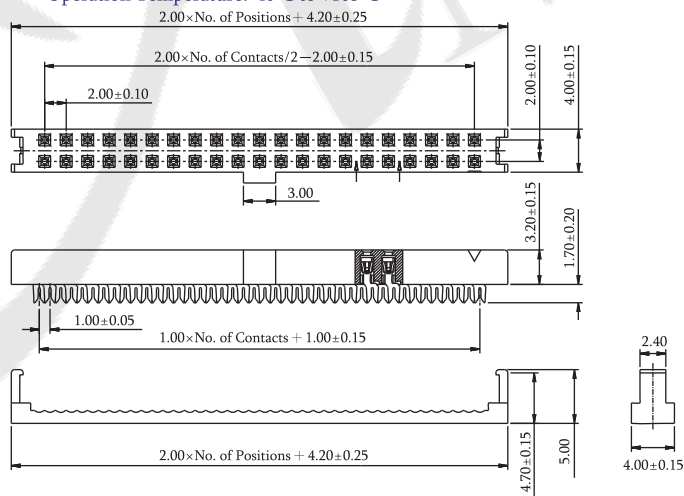
IDC Socket 2.0mm D Type

Specifications

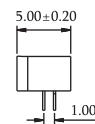
Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min.
Contact Resistance: 30mΩ Max.
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

Insulator: PBT+30%G.F, UL 94V-0
Terminal: Copper Alloy



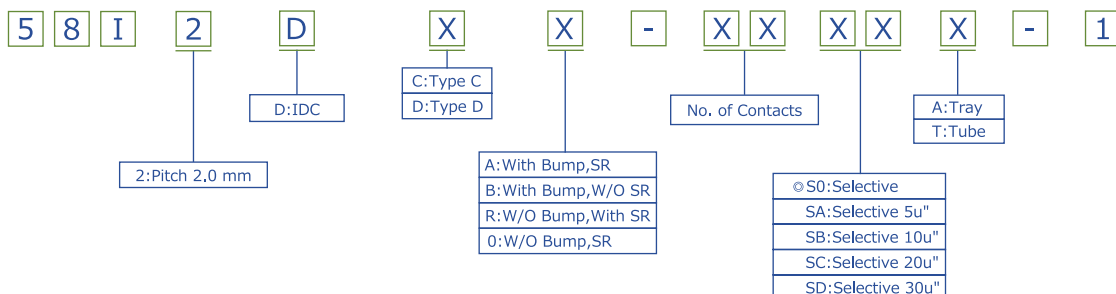
W/O Bump



With Bump

P/N.: 58I2DDX-XXXXT-1

ORDER INFORMATION



©: Standard Recommended

Old P/N: IDC2B-XX-L
IDC2C-XX-L

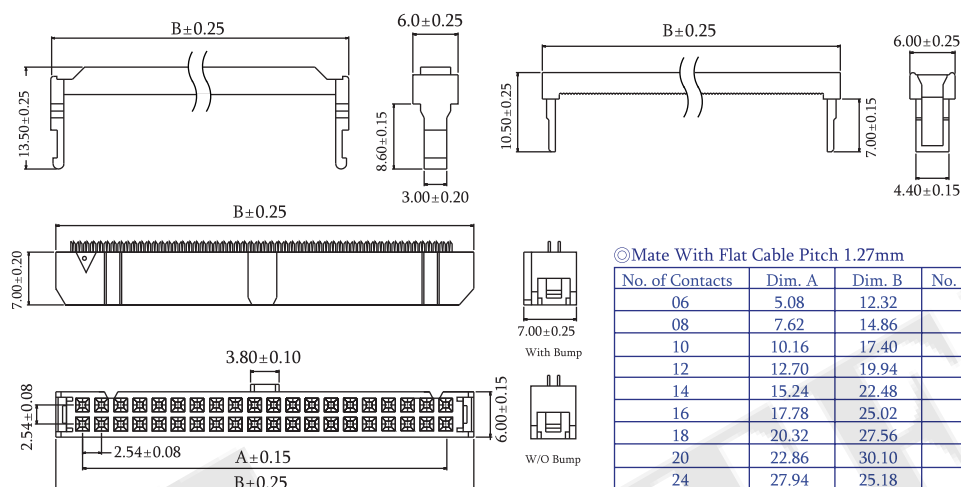
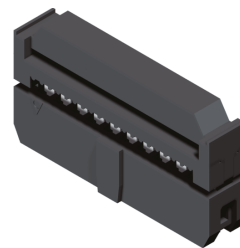
IDC Socket 2.54mm A Type

Specifications

Current Rating: 1AMP
Insulation Resistance: 1000MΩ Min
Contact Resistance: 20mΩ Max
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

Insulator: PBT+G.F, UL 94V-0
Terminal: Copper Alloy



©Mate With Flat Cable Pitch 1.27mm

No. of Contacts	Dim. A	Dim. B	No. of Contacts	Dim. A	Dim. B
06	5.08	12.32	26	30.48	37.72
08	7.62	14.86	28	33.02	40.26
10	10.16	17.40	30	35.56	42.80
12	12.70	19.94	34	40.64	47.88
14	15.24	22.48	40	48.26	55.50
16	17.78	25.02	44	53.34	60.58
18	20.32	27.56	50	60.96	68.20
20	22.86	30.10	60	73.66	80.90
24	27.94	25.18	64	78.74	85.98

P/N.:58I1DAX-XXXXA-1

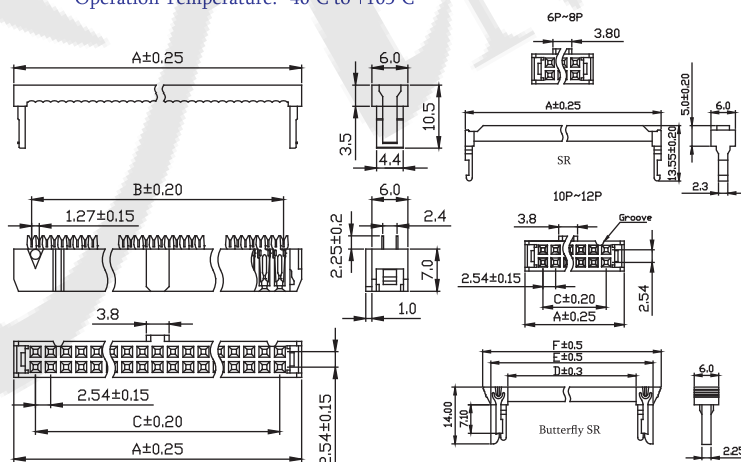
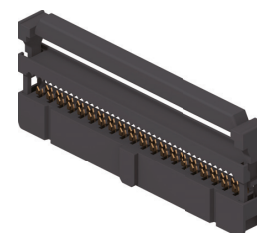
IDC Socket 2.54mm L Type

Specifications

Current Rating: 1 AMP
Insulation Resistance: 1000MΩ Min
Contact Resistance: 15mΩ Max
Dielectric Voltage: 500V AC for one minute
Operation Temperature: -40°C to +105°C

Material

Insulator: PBT+30%G.F, UL 94V-0
Terminal: Copper Alloy



©Mate With Flat Cable Pitch 1.27mm

No. of Contacts	Dim. D	Dim. E	Dim. F	No. of Contacts	Dim. A	Dim. B	Dim. C
06	8.02	17.00	21.40	06	12.32	6.35	5.08
08	10.56	19.54	23.94	08	14.86	8.89	7.62
10	13.10	22.08	26.48	10	17.40	11.43	10.16
12	15.64	24.62	29.02	12	19.94	13.97	12.70
14	18.18	27.16	31.56	14	22.48	16.51	15.24
16	20.72	29.70	34.10	16	25.02	19.05	17.78
18	23.26	32.24	36.64	18	27.56	21.59	20.32
20	25.80	34.78	39.18	20	30.10	24.13	22.86
22	28.34	37.32	41.72	24	35.18	29.21	27.94
24	30.88	39.86	44.26	26	37.72	31.75	30.48
26	33.42	42.40	46.80	30	42.80	36.83	35.56
30	38.50	47.48	51.88	34	47.88	41.91	40.64
34	43.58	52.56	56.96	36	50.42	44.45	43.18
40	51.20	60.18	64.58	40	55.50	49.53	48.26
44	56.28	65.26	69.66	44	60.58	54.61	53.34
50	63.90	72.88	77.28	50	68.20	62.23	60.96
				60	80.90	74.93	73.66
				64	85.98	80.01	78.74

P/N.:58I1DLX-XXXXA-1

ORDER INFORMATION

5	8	I	1	D	X	X	-	X	X	X	X	A	-	1
			D: IDC						No. of Contacts		A: Tray			
1: Pitch 2,54 mm			A: Type A L: Type L		A: With Bump, SR B: With Bump, W/O SR R: W/O Bump, With SR O: W/O Bump, SR E: With Bump, Butterfly SR F: With Bump, W/O Butterfly SR G: W/O Bump, With Butterfly SR H: W/O Bump, Butterfly SR				©S0: Selective SA: Selective 5u" SB: Selective 10u" SC: Selective 20u" SD: Selective 30u"					

©: Standard Recommended

Old P/N: IDC1-XX-L