

SPECIFICATIONS

Current Rating: 0.5A

Contact Resistance: See Table 2

Insulator Resistance: 1000MΩ min.

Dielectric Voltage: 250V AC for one minute

Operating Temperature: -55°C ~ +85°C

MATERIAL

Housing: LCP, UL94V-0

Contacts: Copper alloy

Fitting Nail: Brass, T=0.25mm.

Metal Cap: Stainless Steel, T=0.20mm

Flatness: <80 Pin the "M" is 0.12mm Max.

≥80 Pin the "M" is 0.15mm Max.

ORDER INFORMATION

5	B	B	0	6	1	C	X	X	M	-	X	X	X	X	U	X	-	X	X
Plastic Height See Table 1		M: Male, V/T SMT		No. of Pins total (See Table 3)		S0: Selective S3: 3u" SA: 5u" SB: 10u" G0: Gold Flash GA: 5u" GB: 10u"		U: RoHS		R: T/R With Cap		01: Black 02: Natural							



Table 1

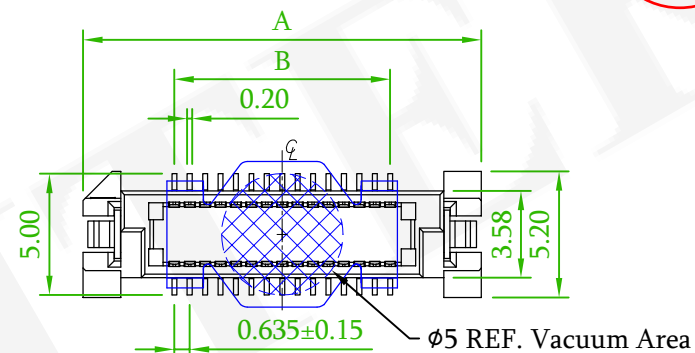
Plastic Height	Dim. N	Dim. K
50	5.00	2.80
60	6.00	3.80
70	7.00	4.80
80	8.00	5.80
90	9.00	6.80

Table 2

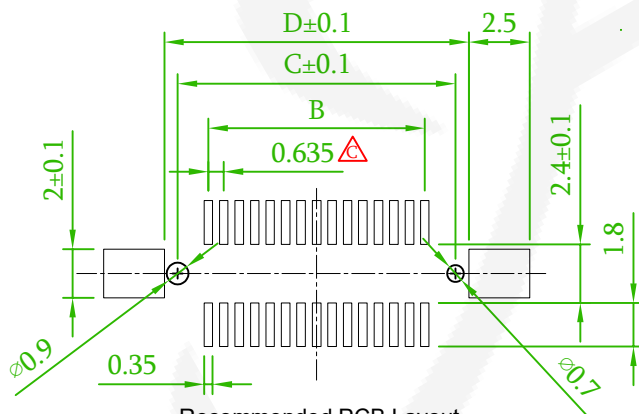
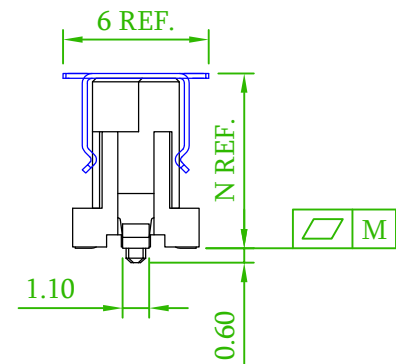
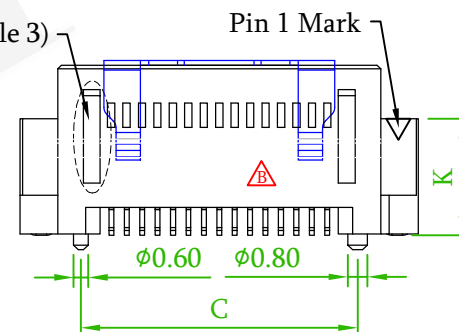
ASS'Y HIGH (H)	Before Test	After Test
6.0 ~ 7.0	<40mΩ	<60mΩ
8.0 ~ 10.0	<50mΩ	<70mΩ
11.0 ~ 13.0	<60mΩ	<80mΩ
14.0 ~ 16.0	<70mΩ	<90mΩ

Table 3

NO	53.77	52.67	50.165	57.67	160(A7)
	47.42	46.32	43.815	51.32	140(A5)
	41.07	39.97	37.465	44.97	120(A3)
	34.72	33.62	31.115	38.62	100(A1)
	31.55	30.45	27.940	35.45	90
YES	28.37	27.27	24.765	32.27	80
	25.20	24.10	21.590	29.10	70
	22.02	20.92	18.415	25.92	60
	18.85	17.75	15.240	22.75	50
	15.67	14.57	12.065	19.57	40
HS'G LOCK	12.50	11.40	8.890	16.40	30
	9.32	8.22	5.715	13.22	20
HS'G LOCK	DIM.D	DIM.C	DIM.B	DIM.A	PIN NO.



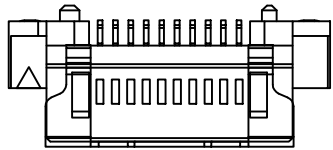
HS'G Lock(See Table 3)



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

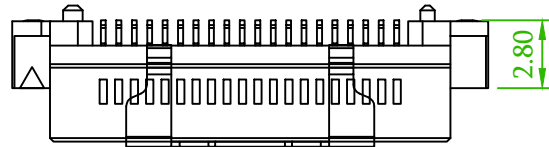
 Amtek Technology Co., Ltd. TEL: 886-2-2260-6878 FAX: 886-2-2260-8030	品名 TITLE	0.635mm BOARD TO BOARD V/T SMT TYPE				頁數 Page	1/2
	品號 PART NO.	5BB061CXXM-XXXXUX-XX				繪圖 DRAWN	Mia 2016/10/11
	圖號 DRAWING NO.	GN003-GB182	版本 REV.	D	核對 CHECKED	Josh 2018/05/28	
	客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/05/28	
	公差 TOLERANCE	.X ± 0.40 .XX ± 0.25	單位 UNIT	mm	THIRD ANGLE PROJECTION		

△	ECN NO.:230717 Revise the PIN No.	Alice	2023/08/21
△x1	Revise the PCB Layout: 0.64 ->0.635	Josh	2020/05/20
△x8	Revise the drawing, add an option of color: 02: Natural, an option of plated: S3: 3u".	Gary	2018/05/28
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE



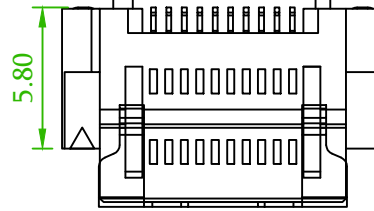
Pin<80

Plastic Height=5.0



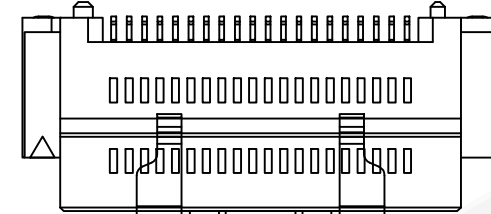
Pin≥80

2.80



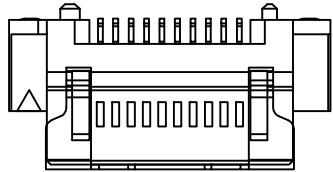
Pin<80

Plastic height=8.0



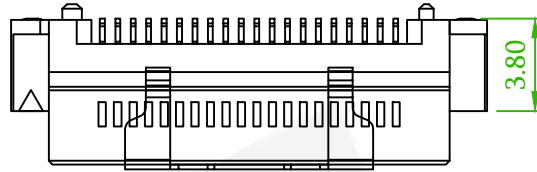
Pin≥80

5.80



Pin<80

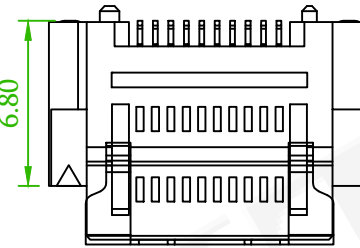
Plastic height=6.0



Pin≥80

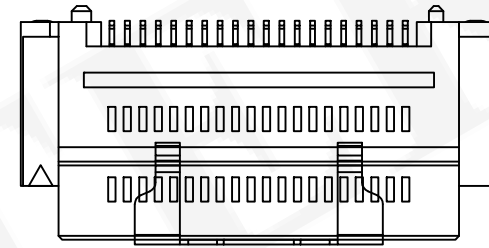
3.80

6.80



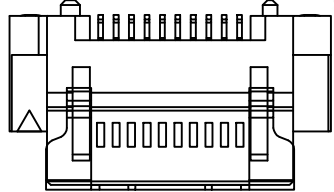
Pin<80

Plastic height=9.0



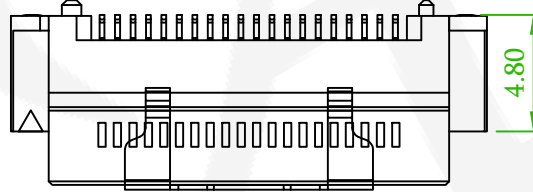
Pin≥80

AMTEK 耀德
2023.09.26
Released DCC



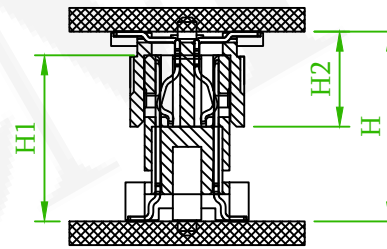
Pin<80

Plastic height=7.0



Pin≥80

4.80



Assembly

Ass'y High(H)	Male(H1)	Female(H2)
6.00	5.00	4.00
7.00	6.00	
8.00	7.00	
9.00	8.00	
10.00	9.00	


耀德精密有限公司
Amtek Technology Co., Ltd.
TEL: 886-2-2260-6878
FAX: 886-2-2260-8030

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Bx8	Revise the drawing, add an option of color: 02: Natural, an option of plated: S3: 3u".	Gary	2018/05/28