

ORDER INFORMATION

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: PHOSPHOR BRONZE
FITTING NAIL: BRASS, T=0.25mm, TIN PLATED
METAL CAP: STAINLESS STEEL, T=0.20mm
FLATNESS: <80 PIN THE "M" IS 0.12mm MAX.
≥80 PIN THE "M" IS 0.15mm MAX.

5 B B 0 6 1 C X X M - X X X X U X - X X

PLASTIC HEIGHT
(SEE TABLE 1)

NO. OF PINS TOTAL
(SEE TABLE 3)

S0:SELECTIVE
△ S3:3u"
SA:5u"
SB:10u"
G0:GOLD FLASH
GA:5u"
GB:10u"

R:T/R WITH
CAP

01: BLACK
02: NATURAL

Table 1

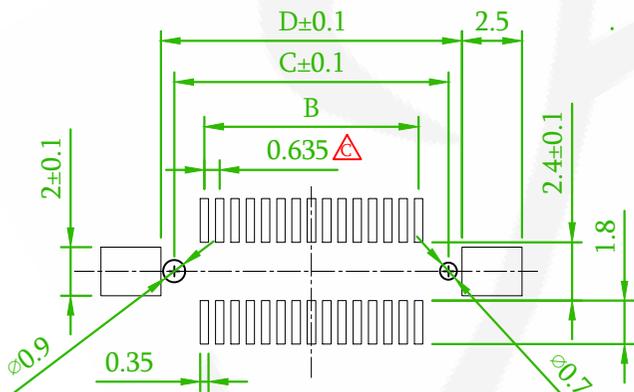
Plastic Height	Dim. N	Dim. K
50	5.00	2.80
60	6.00	3.80
70	7.00	4.80
80	8.00	5.80
90	9.00	6.80

Table 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	
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	
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.

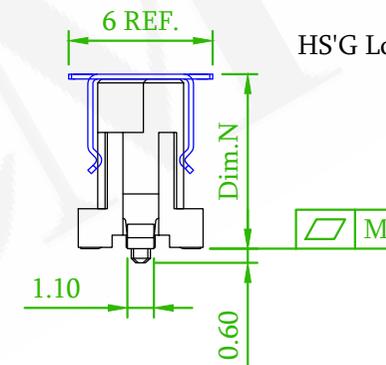
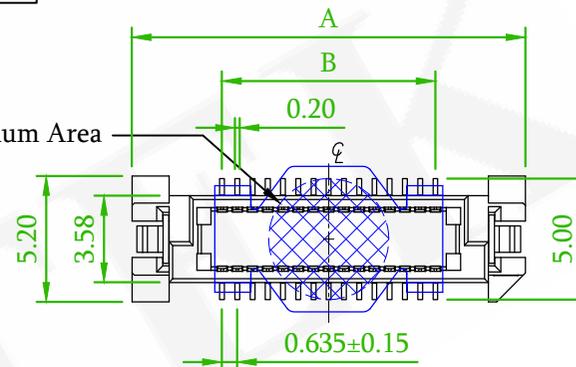
Table 2

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

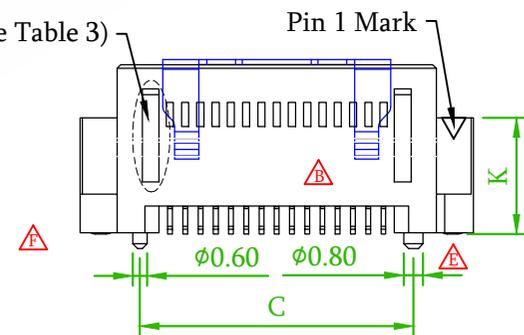


Recommended PCB Layout
(PCB TOLERANCE ±0.05)

∅5 REF. Vacuum Area



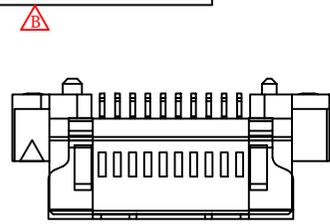
HS'G Lock(See Table 3)



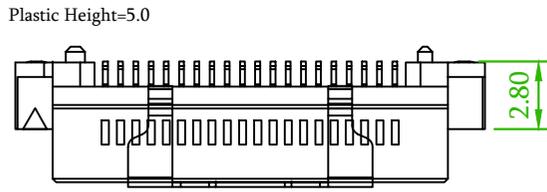
△	ECN 202601052	Willy	2026/03/03
△	QEC No.:242024 Revise the drawing	Randy	2024/02/07
△	ECN NO.:230717 Revise the PIN No.	Alice	2023/08/21
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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

品名 TITLE	BOARD TO BOARD 0.635mm MALE SMT V/T TYPE				頁數 Page	1/2
品號 PART NO.	5BB061CXXM-XXXUX-XX(01, 02)			繪圖 DRAWN	Mia 2016/10/11	
圖號 DRAWING NO.	GN003-GB182	版本 REV.	F	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		

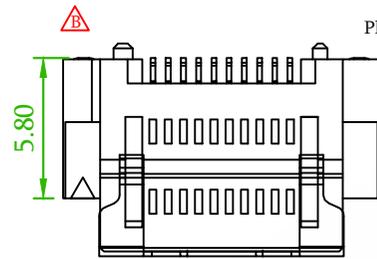


Pin<80



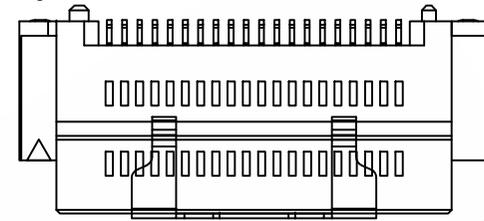
Plastic Height=5.0

Pin≥80

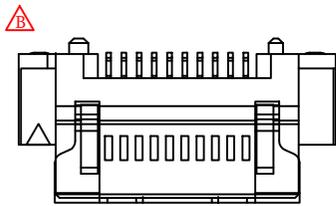


Pin<80

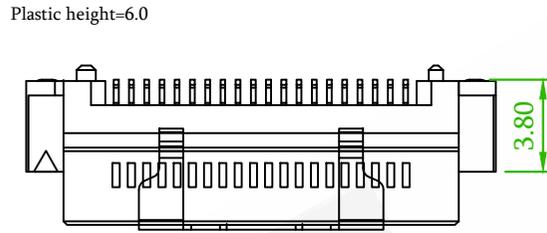
Plastic height=8.0



Pin≥80

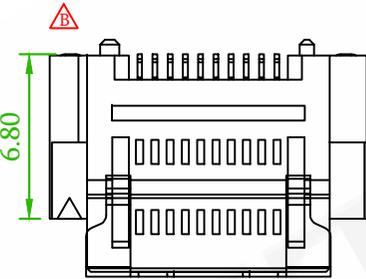


Pin<80



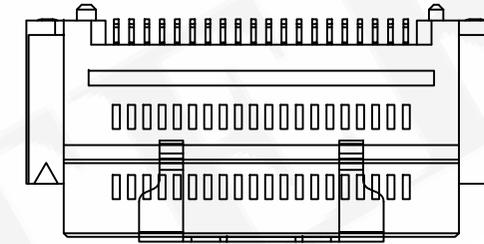
Plastic height=6.0

Pin≥80

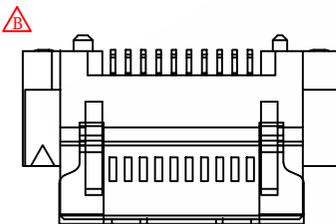


Pin<80

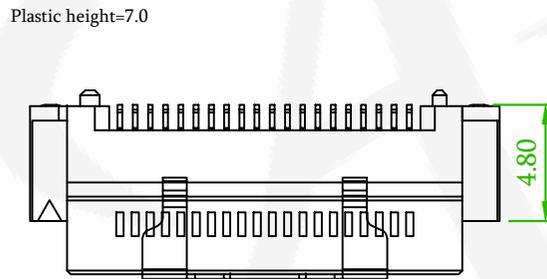
Plastic height=9.0



Pin≥80

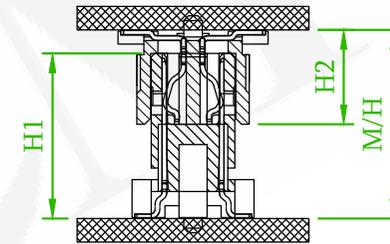


Pin<80



Plastic height=7.0

Pin≥80



Assembly

Dimension(mm)		
Female P/N (H2)	Male P/N (H1)	Mated Height (M/H)
5BB061C40F-XXXXUX-XX	5BB061C50M-XXXXUX-XX	6.00
	5BB061C60M-XXXXUX-XX	7.00
	5BB061C70M-XXXXUX-XX	8.00
	5BB061C80M-XXXXUX-XX	9.00
	5BB061C90M-XXXXUX-XX	10.00
5BB061CA0F-XXXXUX-XX	5BB061C50M-XXXXUX-XX	12.00
	5BB061C60M-XXXXUX-XX	13.00
	5BB061C70M-XXXXUX-XX	14.00
	5BB061C80M-XXXXUX-XX	15.00
	5BB061C90M-XXXXUX-XX	16.00

△	ECN 202601052	Willy	2026/03/03
△	QEC No.:240204 Revise the drawing	Randy	2024/02/07
△	ECN NO.:230717 Revise the PIN No.	Alice	2023/08/21
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