

# SPECIFICATIONS

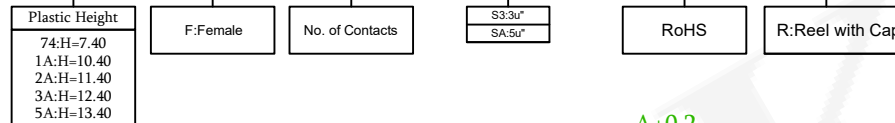
Current rating: 0.5A  
 Contact Resistance: 65mΩ Max.  
 Insulator Resistance: 1000MΩ Min.  
 Dielectric Voltage: 250V AC for one minute  
 Operating Temperature: -40°C to +105°C

# MATERIAL

Insulation: Hi-Temp. Thermoplastic, UL94V-0, Black   
 Contact Pin: Phosphor Bronze

# ORDER INFORMATION

5 B B 0 8 3 C X X F - X X X X U R - 0 1

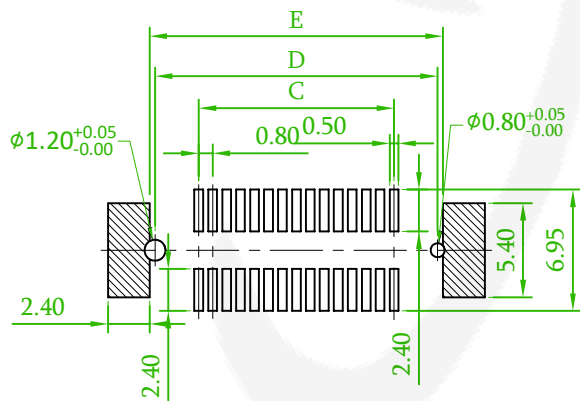
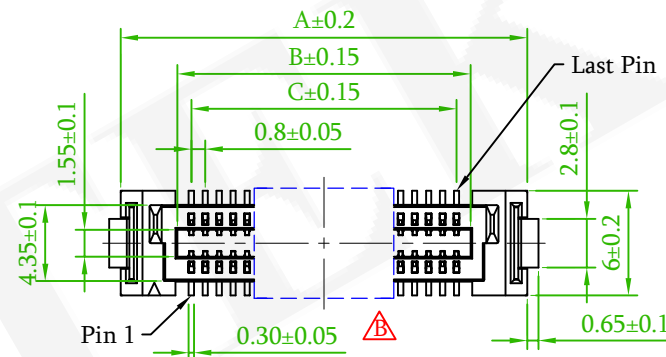


No. of Contacts	Dimension(mm)				
	A	B	C	D	E
20	15.30	8.80	7.20	12.20	12.80
30	19.30	12.80	11.20	16.20	16.80
40	23.30	16.80	15.20	20.20	20.80
50	27.30	20.80	19.20	24.20	24.80
60	31.30	24.80	23.20	28.20	28.80
80	39.30	32.80	31.20	36.20	36.80
100(A1)	47.30	40.80	39.20	44.20	44.80
120(A2)	55.30	48.80	47.20	52.20	52.80
160(A7)	71.30	64.80	63.20	68.20	68.80

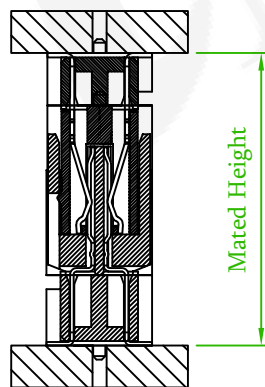
Dimension(mm)		
H	G <sup>+0</sup> <sub>-0.4</sub>	H1
7.40	4.00	-
10.40	7.00	3.00
11.40	8.00	4.00
12.40	9.00	5.00
13.40	10.00	6.00

Dimension(mm)		
Female P/N	Male P/N	Mated Height
5BB083C74F-XXXXUR-01	5BB083C80M-XXXXUR-01	10.00
	5BB083C7AM-XXXXUR-01	13.00
	5BB083C8AM-XXXXUR-01	14.00
	5BB083C9AM-XXXXUR-01	15.00
5BB083C1AF-XXXXUR-01	5BB083C7AM-XXXXUR-01	16.00
	5BB083C8AM-XXXXUR-01	17.00
	5BB083C9AM-XXXXUR-01	18.00
5BB083C2AF-XXXXUR-01	5BB083C9AM-XXXXUR-01	19.00
5BB083C3AF-XXXXUR-01	5BB083C9AM-XXXXUR-01	20.00
5BB083C5AF-XXXXUR-01	5BB083C1BM-XXXXUR-01	22.00

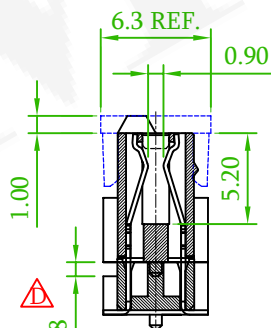
Dimension	Applicable Pins
F REF.	
8	20-30
16	40-50
24	60-70
32	80-90
40	100-110-120



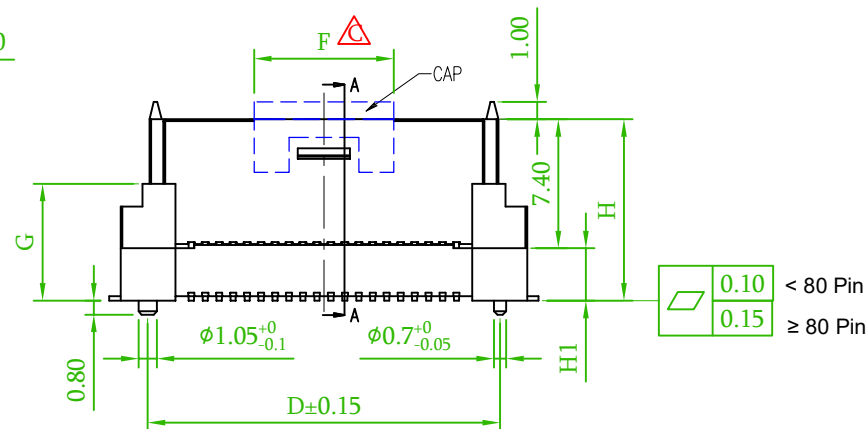
Recommended PCB Layout  
(PCB TOLERANCE ±0.05)



Mated Drawing (REF.)



Section A-A



Old Part No. : 53BTBD03F-xxxxxxBUN-C1

	0.10	< 80 Pin
	0.15	≥ 80 Pin

 糧德精密有限公司 Amtek Technology Co., Ltd. TEL: 886-2-2260-6878 FAX: 886-2-2260-8030	品名 TITLE	0.8 mm BOARD TO BOARD FEMALE V/T SMT TYPE			頁數 Page	1/1
	品號 PART NO.	5BB083CXXF-XXXXUR-01			繪圖 DRAWN	Roy 2016/02/16
	圖號 DRAWING NO.	GN003-MC294	版本 REV.	F	核對 CHECKED	Josh 2018/07/20
	客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/07/20
	公差 TOLERANCE	.X ± 0.40 .XX ± 0.25	.X <sup>±3</sup>	單位 UNIT	mm	THIRD ANGLE PROJECTION

	ECN 200816.: Revise the Dimension	David	2020/08/26
	ECN-200110.: Add the Housing Color	Benson	2020/03/07
	ECN NO.: 180602, add a trench.	Gary	2018/07/20
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE