

SPECIFICATIONS

CURRENT RATING:0.5A

CONTACT RESISTANCE: 65mΩ Max.

INSULATOR RESISTANCE:1000MΩ MIN. DC 500V

DIELECTRIC VOLTAGE: 250V AC FOR ONE MINUTE

OPERATING TEMPERATURE: -40C TO +105°C

MATERIAL

HOUSING: LCP+30%GF, UL94V-0 , BLACK

CONTACT PIN: PHOSPHOR BRONZE

CAP: LCP+30%GF,UL94V-0.BLACK

MOUNTING EAR: PHOSPHOR BRONZE

ORDER INFORMATION

5 B B 0 8 3 C X X M - X X X X U X - 0 1

PLASTIC HEIGHT
80:H=8.00
7A:H=11.00
8A:H=12.00
9A:H=13.00
1B:H=14.00

M:MALE

NO. OF
CONTACTS

S3:3u"
SA:5u"

RoHS

R:T/R WITH CAP

AMTEK 懽德

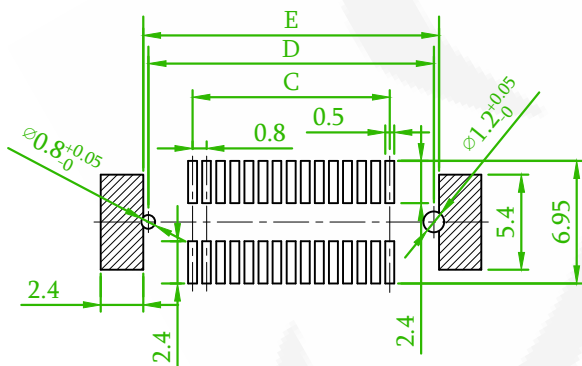
2024.12.31

Released DCC

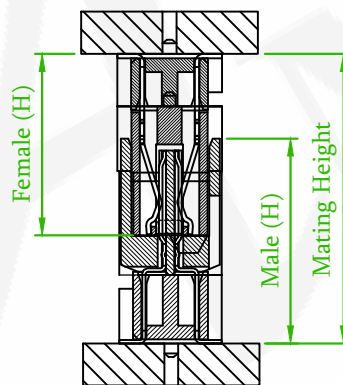
Dimension(mm)		
H	G	H1
8.00	6.00	-
11.00	9.00	3.00
12.00	10.00	4.00
13.00	11.00	5.00
14.00	12.00	6.00

No. of Contacts	Dimension(mm)				
	A	B	C	D	E
20	15.30	8.60	7.20	12.20	12.80
30	19.30	12.60	11.20	16.20	16.80
40	23.30	16.60	15.20	20.20	20.80
50	27.30	20.60	19.20	24.20	24.80
60	31.30	24.60	23.20	28.20	28.80
80	39.30	32.60	31.20	36.20	36.80
100(A1)	47.30	40.60	39.20	44.20	44.80
120(A3)	55.30	48.60	47.20	52.20	52.80
160(A7)	71.30	64.60	63.20	68.20	68.80

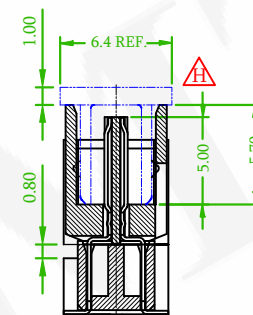
Dimension(mm)		
Female P/N	Male P/N	Mated Height
5BB083C74F-XXXXUR-01	5BB083C80M-XXXXUR-01	10.00
	5BB083C7AM-XXXXUR-01	13.00
	5BB083C8AM-XXXXUR-01	14.00
	5BB083C9AM-XXXXUR-01	15.00
5BB083C1AF-XXXXUR-01	5BB083C7AM-XXXXUR-01	16.00
	5BB083C8AM-XXXXUR-01	17.00
	5BB083C9AM-XXXXUR-01	18.00
5BB083C2AF-XXXXUR-01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



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

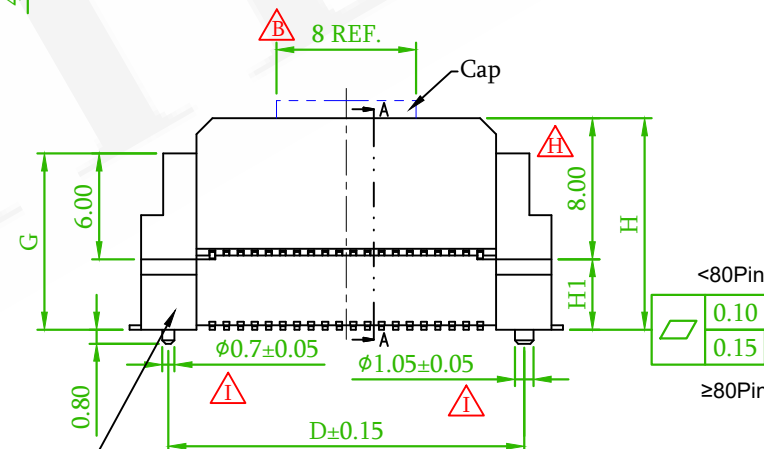
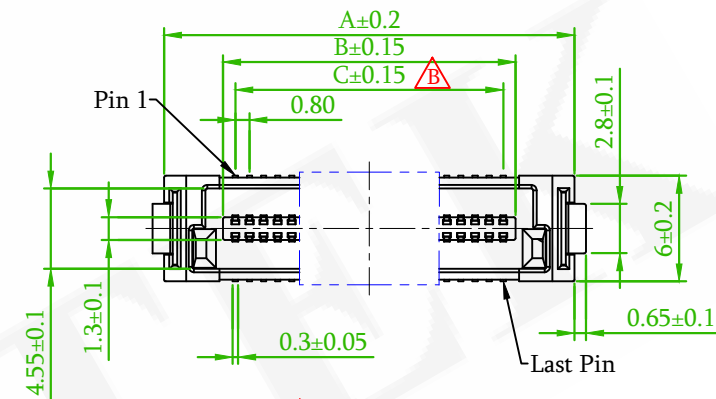


Mated Drawing (REF.)



Section A-A

W/O Lower Half When H=8mm



OLD PART NO. : 53BTBD03M-XXXXXXBUN-C1

△	ECN-202412003 Revise the Drawing.	Gaby	2024/12/30
△	ECN NO.:230810 Revise the Drawing.	Benson	2023/08/25
△	ECN NO.:230717 Revise the PIN No.	Alice	2023/08/21
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE


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品名 TITLE	BOARD TO BOARD 0.8mm MALE SMT V/T TYPE				頁數 Page	1/1
品號 PART NO.	5BB083CXXM-XXXXUX-01			繪圖 DRAWN	Roy 2016/02/16	
圖號 DRAWING NO.	GN003-GA918	版本 REV.	I	核對 CHECKED	JOSH 2018/08/16	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/08/16	
公差 TOLERANCE	.X ±0.40 .XX ±0.25	單位 UNIT	mm	THIRD ANGLE PROJECTION		