

SPECIFICATION

Current Rating: 0.5A

Contact Resistance: 30mΩ Max.

Insulation Resistance: 100MΩ Min.

Dielectric Voltage: 500V AC for one minute

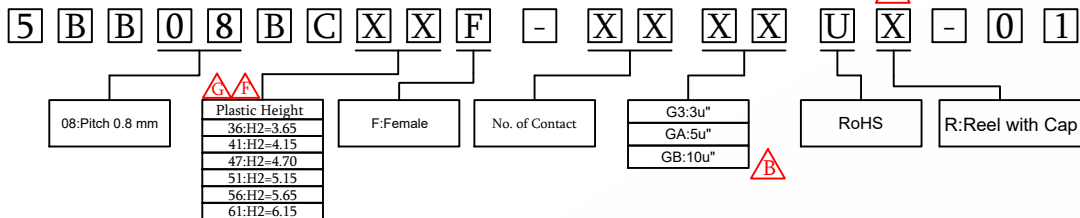
Operating Temperature: -20°C ~ +105°C

MATERIAL

Insulator: Hi-Temp. Thermoplastic, UL94V-0, Natural

Contact Pin: Phosphor Bronze

ORDER INFORMATION



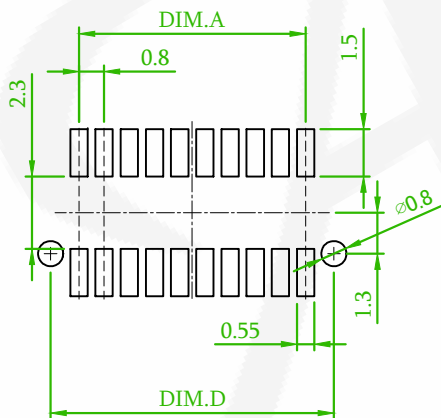
AMTEK 懋德

2025.02.17

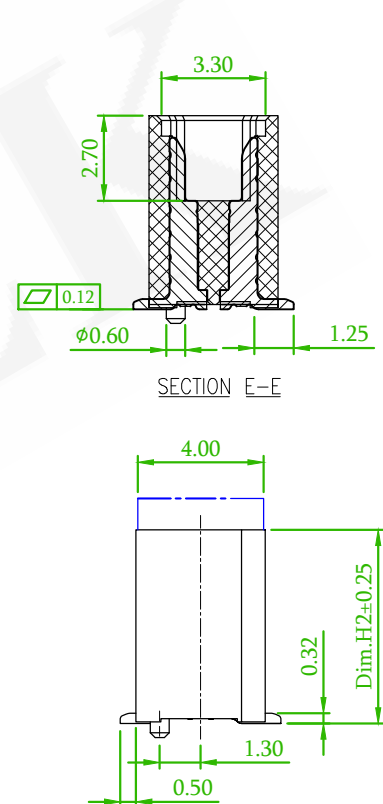
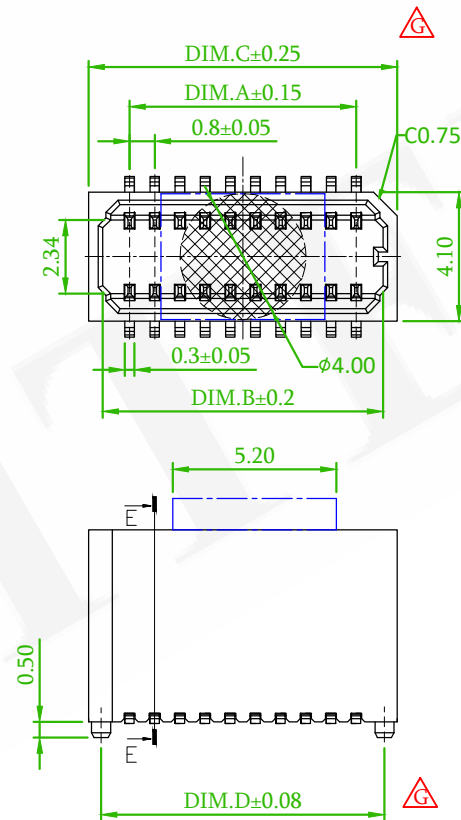
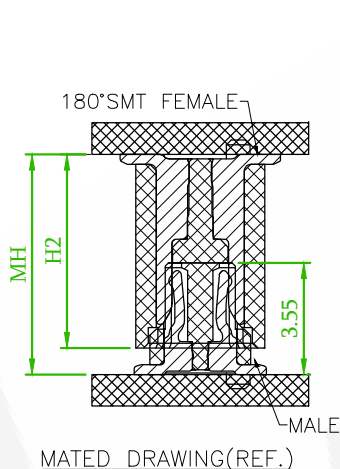
Released DCC

Dimension(mm)			
Male P/N	Female P/N	Mated Height	FEMALE(H2)
5BB08BC36M-XXXXUR-01	5BB08BC36F-XXXXUR-01	4.50	3.65
	5BB08BC41F-XXXXUR-01	5.00	4.15
	5BB08BC47F-XXXXUR-01	5.65	4.70
	5BB08BC51F-XXXXUR-01	6.00	5.15
	5BB08BC56F-XXXXUR-01	6.50	5.65
	5BB08BC61F-XXXXUR-01	7.00	6.15

17.00	17.80	16.90	15.20	40
16.20	17.00	16.10	14.40	38
15.40	16.20	15.30	13.60	36
14.60	15.40	14.50	12.80	34
13.80	14.60	13.70	12.00	32
13.00	13.80	12.90	11.20	30
12.20	13.00	12.10	10.40	28
11.40	12.20	11.30	9.60	26
10.60	11.40	10.50	8.80	24
9.80	10.60	9.70	8.00	22
9.00	9.80	8.90	7.20	20
8.20	9.00	8.10	6.40	18
7.40	8.20	7.30	5.60	16
6.60	7.40	6.50	4.80	14
5.80	6.60	5.70	4.00	12
5.00	5.80	4.90	3.20	10
DIM.D	DIM.C	DIM.B	DIM.A	PIN NO.



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



Old Part No. : 53BTBD06F-xxxxxxWUx-C1

ECN 202501015	Willy	2025/02/14
QEC NO.: 231103 Revise the Options	Randy	2023/11/03
ECN NO.:230717 Revise the PIN No.	Alice	2023/08/28
REV.	ECN NO. OR DESCRIPTION	REVISED DATE

AMTEK 懋德精密有限公司
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品名 TITLE	BOADR TO BOARD 0.8mm SMT V/T TYPE				頁數 Page	1/1
品號 PART NO.	5BB08BCXXF-XXXXUX-01				繪圖 DRAWN	Mia 2016/10/13
圖號 DRAWING NO.	GN003-GA685	版本 REV.	G	核對 CHECKED	Jenny 2016/10/13	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	John 2016/10/13	
公差 TOLERANCE	.X ± 0.40 .X° ±3° .XX ± 0.25	單位 UNIT	mm	THIRD ANGLE PROJECTION		