


SPECIFICATIONS

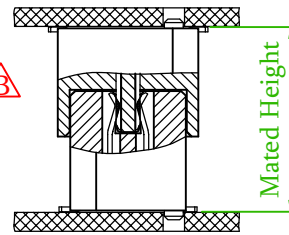
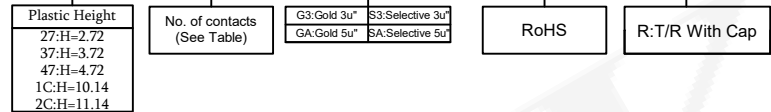
Current Rating: 0.5A
 Contact Resistance: 60mΩ Max.
 Insulator Resistance: 1000MΩ Min.
 Dielectric Voltage: 250V AC for one minute
 Operating temperature: -40°C to +85°C

Material

Housing: Hi-Temp. Thermoplastic, UL94V-0, Natural 
 Contacts: Phosphor Bronze

ORDER INFORMATION

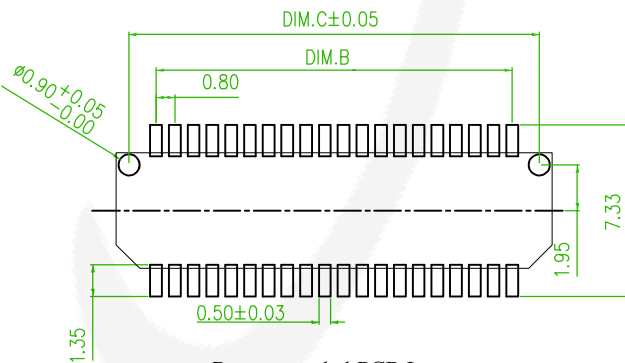
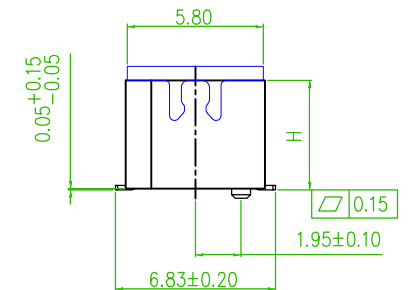
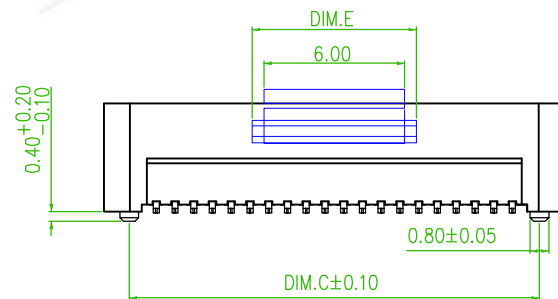
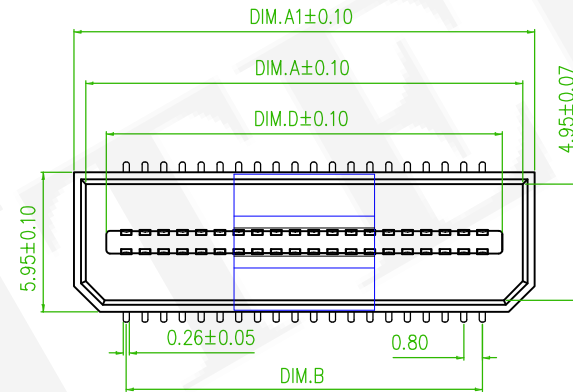
5 B B 0 8 9 C X X M - X X X X U R - 0 1



Assembly




NO.OF PINS	DIM.A1	DIM.B	DIM.C	DIM.D	DIM.A	DIM.E
14	9.25	4.80	7.10	6.50	8.25	5.50
16	10.05	5.60	7.90	7.30	9.05	
20	11.65	7.20	9.50	8.90	10.65	
22	12.45	8.00	10.30	9.70	11.45	8.00
24	13.25	8.80	11.10	10.50	12.25	
26	14.05	9.60	11.90	11.30	13.05	
30	15.65	11.20	13.50	12.90	14.65	
34	17.25	12.80	15.10	14.50	16.25	10.00
40	19.65	15.20	17.50	16.90	18.65	
50	25.85	19.20	21.50	20.90	23.45	
60	29.85	23.20	25.50	24.90	27.45	16.00
64	31.45	24.80	27.10	26.50	29.05	
80	37.85	31.20	33.50	32.90	35.45	20.00
100 (A1)	45.85	39.20	41.50	40.90	43.45	



Dimension(mm)		
Female P/N	Male P/N	Mated Height
5BB089C22F-XXXXUX-01	5BB089C27M-XXXXUX-01	3.0
	5BB089C37M-XXXXUX-01	4.0
5BB089C27F-XXXXUX-01	5BB089C47M-XXXXUX-01	5.0
	5BB089C27M-XXXXUX-01	3.5
5BB089C27F-XXXXUX-01	5BB089C37M-XXXXUX-01	4.5
	5BB089C47M-XXXXUX-01	5.5
5BB089C52F-XXXXUX-01	5BB089C27M-XXXXUX-01	6.0
	5BB089C37M-XXXXUX-01	7.0
	5BB089C47M-XXXXUX-01	8.0
	5BB089C1CM-XXXXUX-01	13.0
	5BB089C2CM-XXXXUX-01	14.0



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)



 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 MALE V/T SMT TYPE				頁數 Page	1/1
	品號 PART NO.	 5BB089CXXM-XXXXUR-01			繪圖 DRAWN	Roy 2018/12/28	
	圖號 DRAWING NO.	GN003-R1085	版本 REV.	C	核對 CHECKED	Josh 2018/12/28	
	客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Jason 2018/12/28	
公差 TOLERANCE	.X ± 0.40 .XX ± 0.25	.X°±3	單位 UNIT	mm	THIRD ANGLE PROJECTION		

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
 2	ECN NO.:200908 : Revise the Pakeage	David	2020/10/14
 1	ECN-200110.: Add the Housing Color	Benson	2020/03/07