

RoHS Compliant

Specifications:**Material And Finish:**

Insulator:LCP UL94V-0 Color:Black

Contact:Copper alloy

Plated:See Ordering Information

Rating:

Current Rating:up to 1.7A Per contact

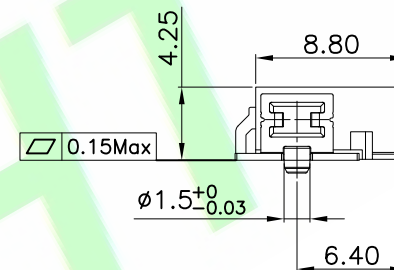
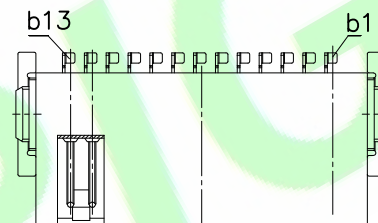
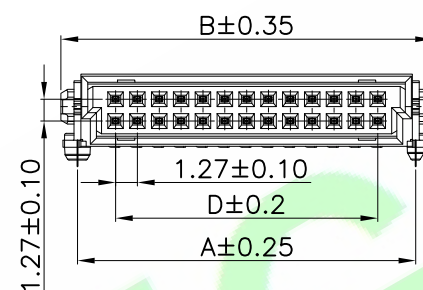
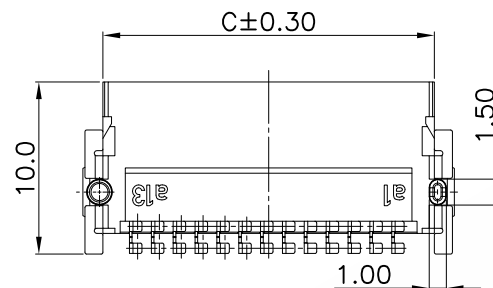
Operating Temperature Range:-55°~+125°C

Electrical:

Contact resistance:10m Ohm Max

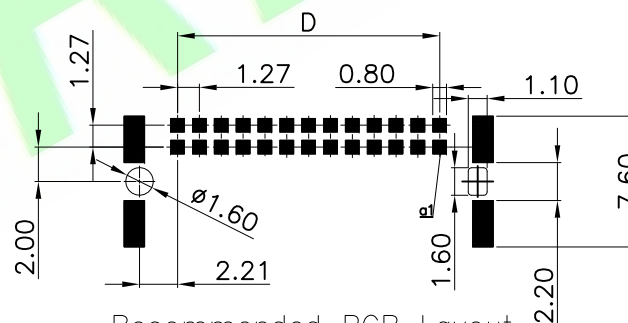
Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute

**Ordering Information**M12700HM-XXH-01-G

1 2 3 4 5 6

- 1: — Series No.
2: — H:Horizontal SMT Type
3: — M:Male
4: — No. of Positions
5: — H:Gold flash on contact;
Matte Tin on tail
6: — G:Tape&Reel



Recommended PCB Layout

No.	Dimensiong mm			
	A	B	C	D
12	10.77	12.70	10.35	6.35
16	13.31	15.24	12.91	8.89
20	15.85	17.78	15.45	11.43
26	19.66	21.59	19.26	15.24
32	23.47	25.40	23.07	19.05
40	28.55	30.48	28.15	24.13
50	34.90	36.83	34.50	30.48
68	46.33	48.26	45.93	41.91
80	53.95	55.88	53.55	49.53

5X				DR.BY.: Samson	GENERAL TOLERANCE:		PART NO : M12700HM-XXH-01-G		HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
4X					LINEAR	ANGLES	DWG. NO.:				
3X				CHKD.: Tony	x.:	x': ±5.0°	TITLE : 1.27mm Pitch SMC-B Horizontal SMT Type Male		SHEET: 1/1		A4
2X					x.x: ±0.30	x.x': ±3.0°			SCALE: 1:1		
1X	ORIGINAL	Judyyan		APPD.: Billy	x.xx: ±0.20	x.xx': ±2.0°			UNIT: mm		
REV.	DESCRIPTION	DR.BY	ECN. NO.		x.xxx: ±0.10	x.xxx': ±1.0°	DATE: 26-Oct-2021				