

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

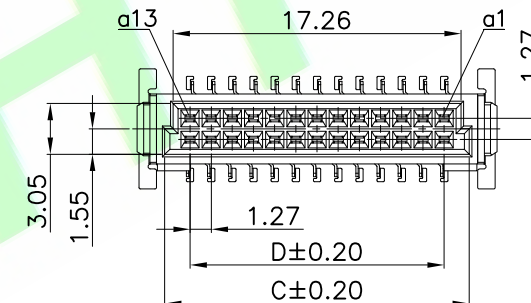
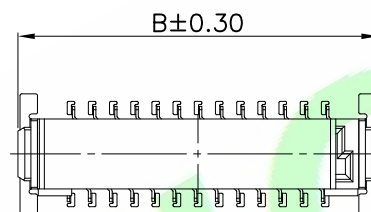
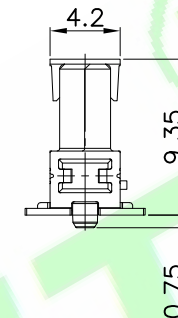
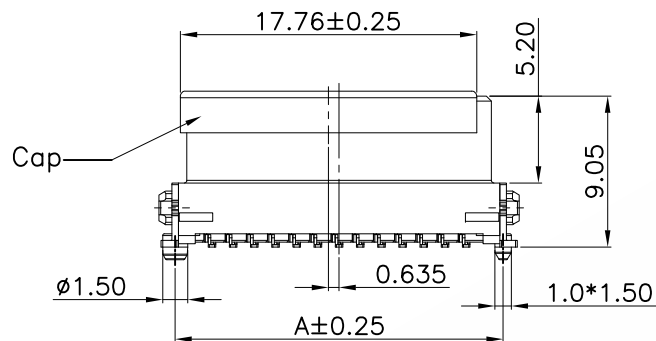
Operating Temperature Range:-55~+125°C

Electrical:

Contact resistance:10m Ohm Max

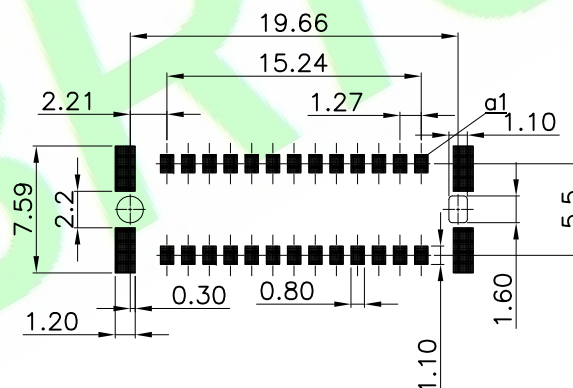
Insulator resistance:10000M ohm min.

Withstanding Voltage:500V AC/Minute

**Ordering Information**
M12700MF-XXH-XX-F

1 2 3 4 5 6 7

- 1: — Series No.
 2: — M:SMT Type
 3: — F:Female
 4: — No. of Positions
 5: — H:Gold flash on contact;
 Matte Tin on tail
 6: — 01:A Type
 02:B Type
 03:C Type
 7: — F:W/Cap In Tape&Reel



Recommended PCB Layout

No.	Dimensiong mm			
	A	B	C	D
12	10.77	12.70	9.37	6.35
16	13.31	15.24	11.91	8.89
20	15.85	17.78	14.45	11.43
26	19.66	21.60	18.26	15.24
32	23.47	25.40	22.07	19.05
40	28.55	30.48	27.15	24.13
50	34.90	36.80	33.50	30.48
68	46.33	48.20	44.93	41.91
80	53.95	55.80	52.55	49.53

5X				DR.BY.: Samson	GENERAL TOLERANCE:		PART NO : M12700MF-XXH-XX-F
4X					LINEAR	ANGLES	DWG. NO.:
3X				CHKD.: Tony	X.: ±5.0°	X.X: ±3.0°	TITLE :
2X					X.XX: ±0.30	X.XX: ±2.0°	1.27mm Pitch SMC-B Horizontal
1X	ORIGINAL	Judyyan		APPD.: Billy	X.XXX: ±0.10	X.XXX: ±1.0°	SMT Type Female
REV.	DESCRIPTION	DR.BY	ECN. NO.				DATE: 26-Oct-2021

HJBRIGHT® 東莞市華晶電子有限公司
 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/2

SCALE: 1:1

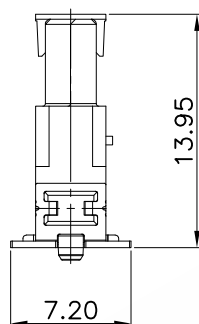
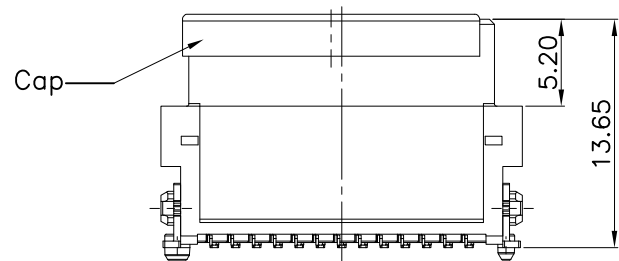
UNIT: mm



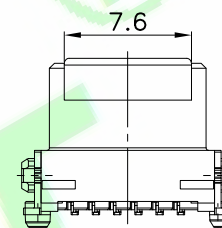
THIRD ANGLE PROJECTION

A4

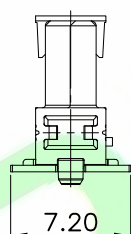
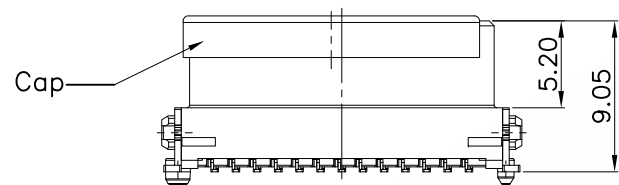
RoHS Compliant



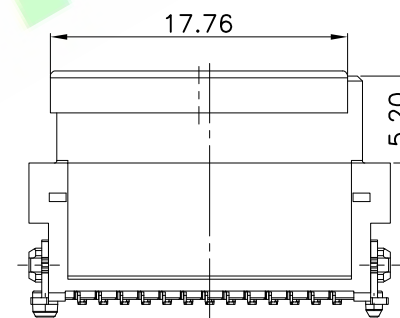
01:A Type



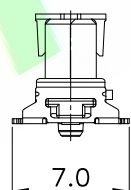
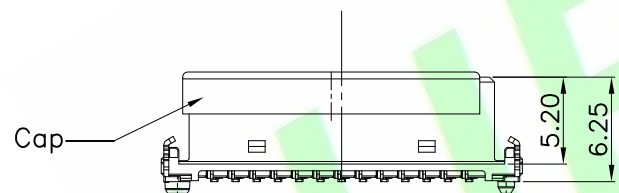
Cap L=7.6mm
(12P,16P,20P)



02:B Type



Cap L=17.76mm
(26P,32P,40P,50P,68P,80P)



03:C Type

5X			
4X			
3X			
2X			
1X	ORIGINAL	Judyyan	
REV.	DESCRIPTION	DR.BY	ECN. NO.

DR.BY.:
Samson
CHKD.:
Tony
APPD.:
Billy

GENERAL TOLERANCE:	
LINEAR	ANGLES
X.: ±0.30	X': ±5.0°
X.X: ±0.20	X.X': ±3.0°
X.XX: ±0.10	X.XX': ±2.0°
X.XXX: ±0.10	X.XXX': ±1.0°

PART NO : M12700MF-XXH-XX-F
DWG. NO.:
TITLE : 1.27mm Pitch SMC-B Horizontal SMT Type Female
DATE: 26-Oct-2021

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SHEET: 1/1	 THIRD ANGLE PROJECTION	A4
SCALE: 1:1		
UNIT: mm		