



NOTE:

A. MATERIAL:

1. Housing: LCP(HF) UL94V-0 Black
2. Cover: LCP(HF) UL94V-0 Black
3. Contact: Copper Alloy T=0.20
4. Shell: Copper Alloy T=0.30

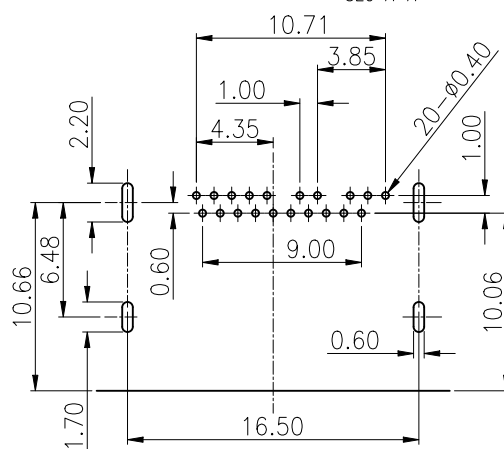
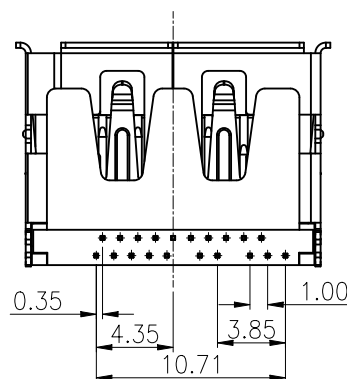
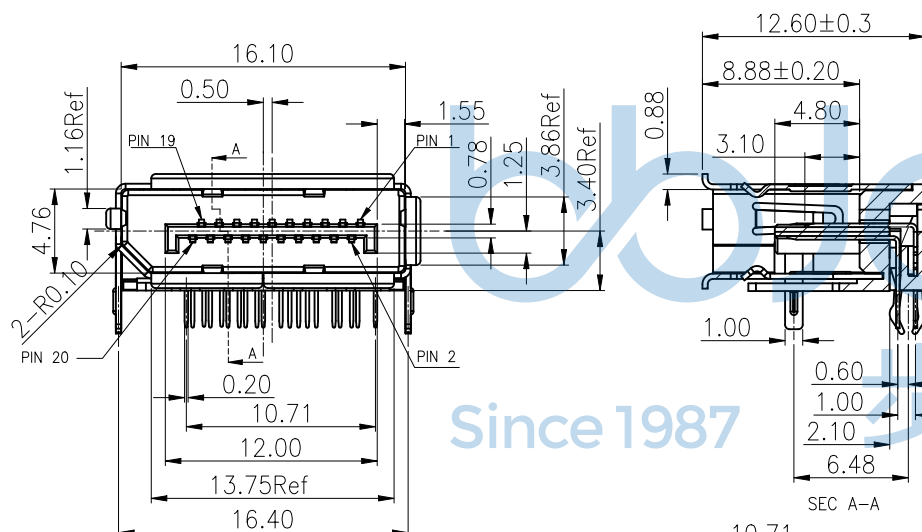
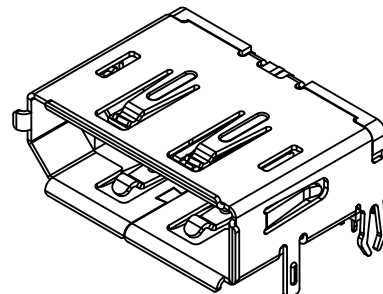
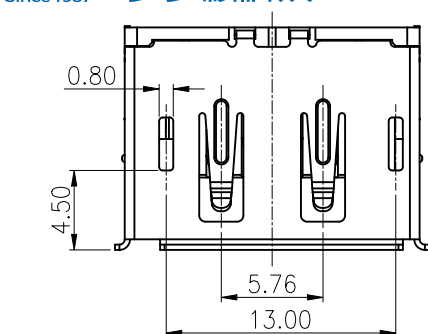
B. PLATING:

1. Contact: Contact Area Gold Plated
Solder Area Sn Plated
Under Plated Nickel
2. Shell: Nickel Plated

C. SPECIFICATION:

1. Current: 0.5A
2. Voltage: 40V RMS
3. Withstanding Voltage: 500V AC
4. Contact Resistance: 30 mΩ max. (Contact)
50 mΩ max. (Shell)
5. Insulation Resistance: 100 MΩ min.
6. Temperature Range: -20°C to +85°C
7. Mating And Unmating Force:
 - 7.1 Mating Force: 4.5Kgf(44.1N)Max.
 - 7.2 Unmating Force: 1.0Kgf~4.0Kgf(9.8N~39.2N)

DisplayPort PIN Number	Signal Name	DisplayPort PIN Number	Signal Name
PIN 1	LANE_OP	PIN10	LANE_3P
PIN 2	GND1	PIN11	GND4
PIN 3	LANE_ON	PIN12	LANE_3N
PIN 4	LANE_1P	PIN13	CONFIG1
PIN 5	GND2	PIN14	CONFIG2
PIN 6	LANE_1N	PIN15	AUX_P
PIN 7	LANE_2P	PIN16	GND5
PIN 8	GND3	PIN17	AUX_N
PIN 9	LANE_2N	PIN18	HPD
PIN10	LANE_3P	PIN19	Return DP PWR
PIN11	GND4	PIN20	DP_PWR



RECOMMENDED PCB LAYOUT
(THICKNESS=1.6±0.15mm)



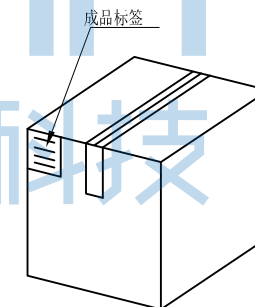
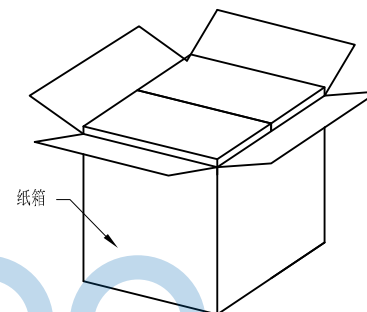
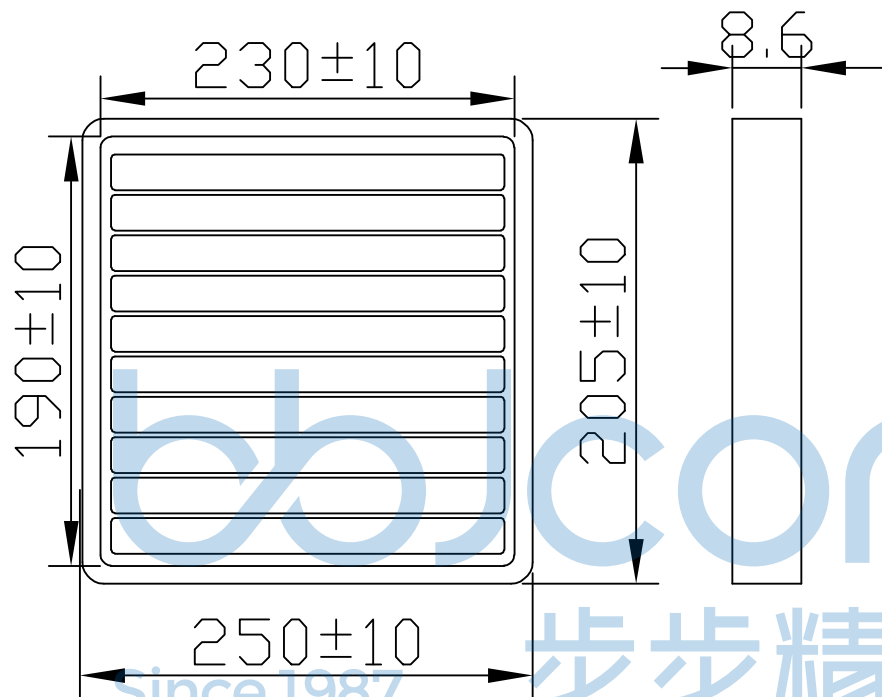
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PDWG.NO: 0477-1

深圳市步步精科技有限公司

NAME: DP 20P 母座 板上四脚插 鱼叉脚 L=12.60 H=6.08
无柱 端子DIP 卷边 LCP黑胶 铜壳 盒装

APPD. JM_Zheng
CHKD. LYX
DR. TSP

PJ. NO.: DP.02.12-02-4001
SIZE: A4 DRW NO.:
FINISH: SEE NOTES MAT'L.: SEE NOTES
SCALE: N/A REV.: A0 UNIT: mm PAGE: 1/2



纸箱规格: 350*210*290



1. 包装要求:
- 1.1 每盒吸塑盒包装60pcs;
- 1.2 每25盘放一箱, 共计1500PCS;
- 1.3 纸箱外贴上标签。

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PDWG.NO: 0477-1		.X: ±0.38 .XX: ±0.25 .XXX: ±0.13	X*: ±3" .X*: ±2" .XX*: ±1"
APPD.	JM_Zheng	NAME: DP 20P 母座 板上四脚插 鱼叉脚 L=12.60 H=6.08 无柱 端子DIP 卷边 LCP黑胶 铜壳 盒装	
CHKD.	LYX	PJ. NO.: DP.02.12-02-4001	
DR.	TSP	SIZE: A4 DRW NO.:	
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