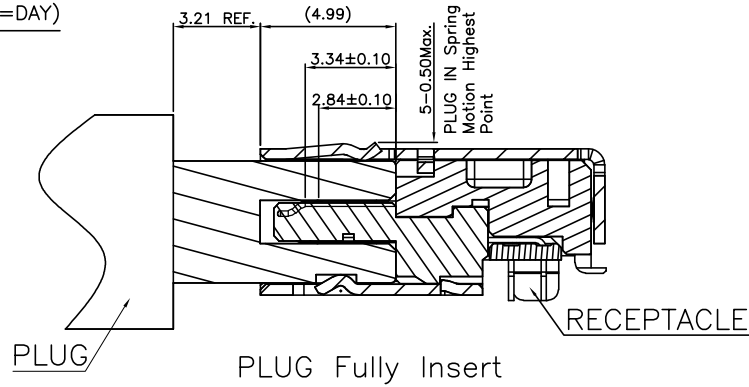
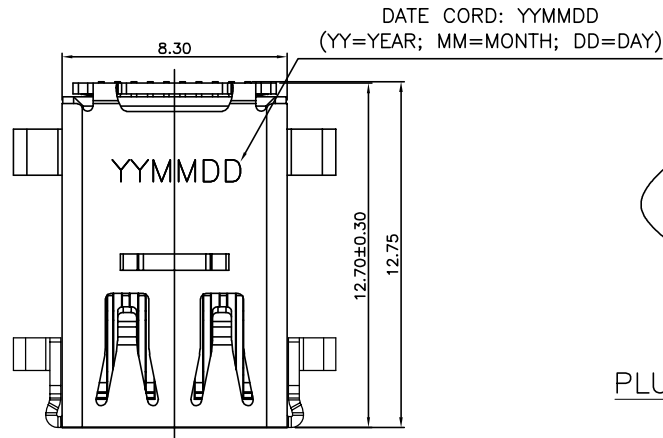


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Notes:

1.Material Specification:

- 1-1.Housing: LCP+30% G.F UL94 V-0 Black.
- 1-2.Contact: Copper Alloy (C2680) T=0.20mm.
- 1-3.Shell: Stainless Steel (SUS304) T=0.40mm.

2.Plating Specification:

- 2-1.Contact: see P/N.
- 2-2.Shell: Nickel plated..

3.Mechanical Performance:

- 3-1.Insertion force: 44.1N (4.5kgf) max.
- 3-2.Withdrawal force: 9.8N~39.2(1.0~4.0kgf).
- 3-3.Durability: 5,000 cycles.

4.Electrical Performance:

- 4-1.Current rating: 0.5A.
- 4-2.LLCR: Contact: 30mΩ max.(initial), Shell: 50mΩ max(initial).
- 4-3.Insulation Resistance:

A:unmated: 100MΩ min. at 500V DC.
B:mated: 10MΩ min. at 150V DC.

4-4.Dielectric withstand voltage:

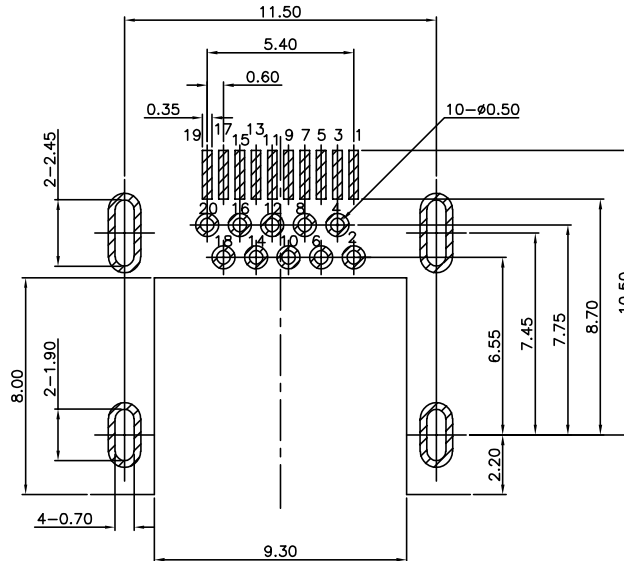
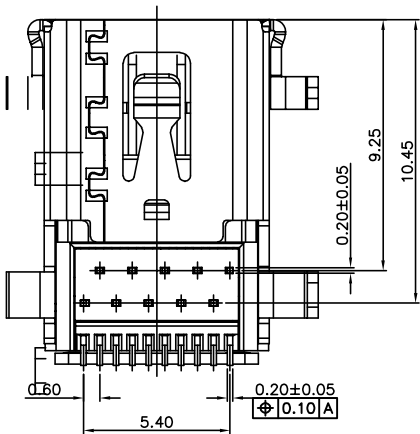
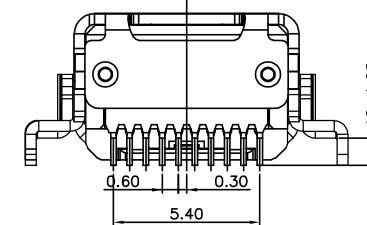
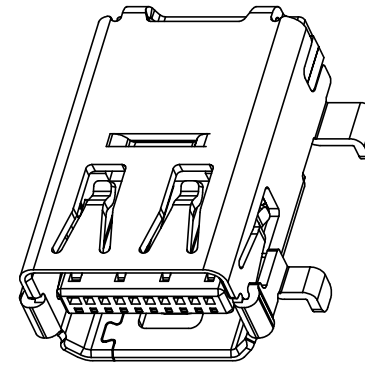
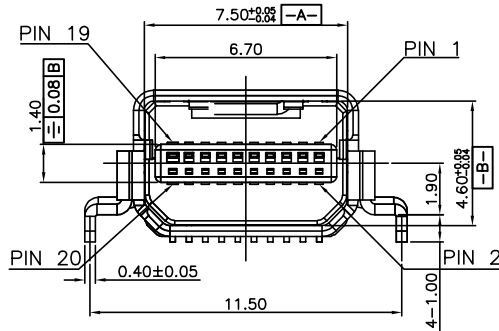
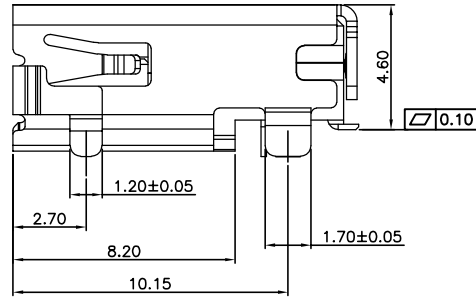
150V AC/60s(mated), 250V AC/60s(unmated).

5.IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.

6.Operating temperature range: -35°C~105°C(without loss function).

7.All parts RoHS and Reach compliant.



RECOMMENDED PCB LAYOUT(TOP VIEW)
(THICKNESS=1.20±0.05mm)
(TOLERANCE=±0.05mm)

Part Number: EAST-DPM20190A1R

Contact Plating Spec. Code:

A: Gold Flash on Contact area, matte Tin 60μ" min. on Tails, and 50μ" min. Nickel overall.

B: Au 5μ" on Contact area, matte Tin 60μ" min. on Tails and 50μ" min. Nickel overall.

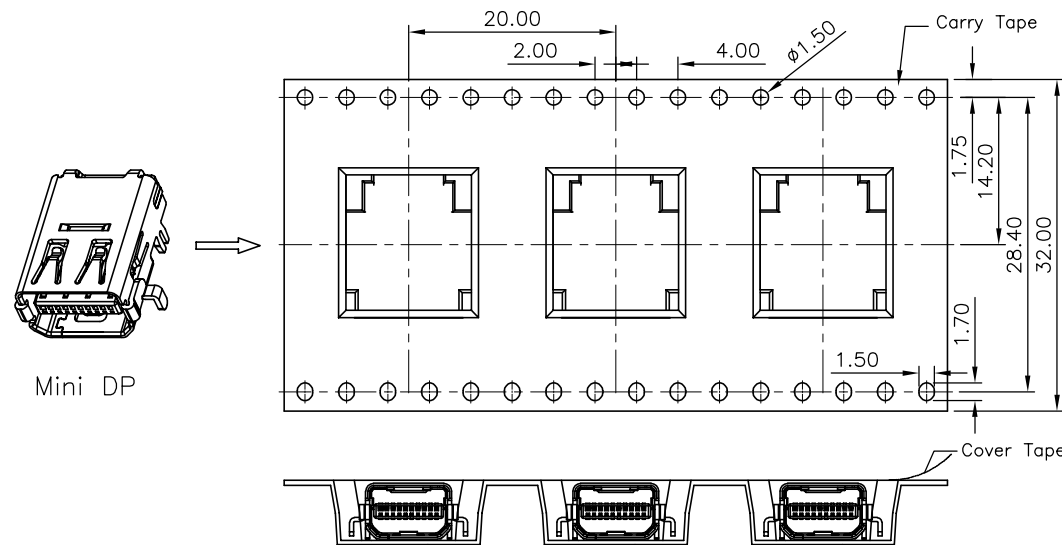
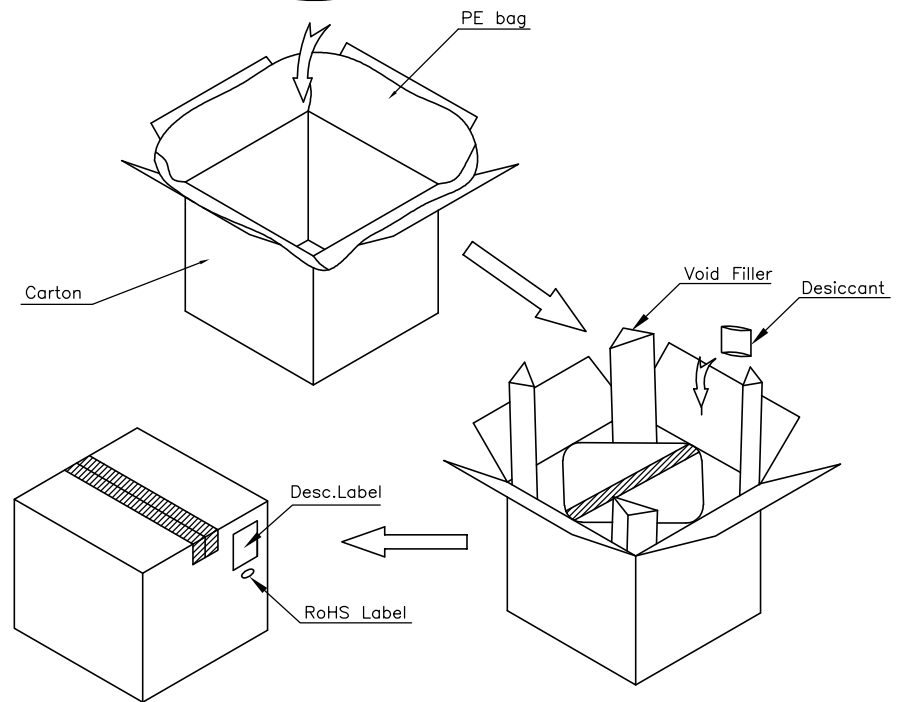
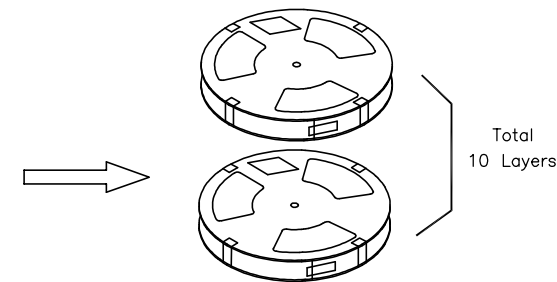
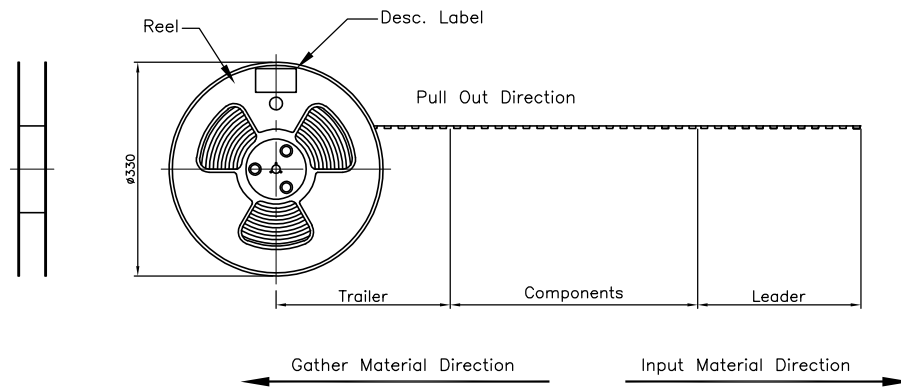
1: Gold Flash on Contact area, and on Tails, and 50μ" min.Nickel overall.

Mini DisplayPort Connector Pin Assignment

Pin Number	Signal Assignment	Pin Number	Signal Assignment
1	GND	2	In
3	Out	4	CONFIG
5	Out	6	CONFIG
7	GND	8	GND
9	Out	10	Out
11	Out	12	Out
13	GND	14	GND
15	Out	16	I/O
17	Out	18	I/O
19	GND	20	PWR Out

TOLERANCES UNLESS OTHERWISE SPECIFIED: X. — X. X ± 0.38 X. XX ± 0.25 X. XXX ± 0.10 Angle ±1°		CUSTOMER COPY		深圳市东方御业科技有限公司 WWW.DFYCONN.COM TEL:0755-27155560			
THESE DRAWING AND SPECIFICATION ARE THE PROPERTY OF Shenzhen Dongfangyue ELECTRONIC CO., LTD.. SHALL NOT BE REPRODUCED.		DRAWN: CHENLEI		2017/09/10		TITIAL: MINI DISPLAY PORT RECEPTACLE TYPE (RoHS)	
		CHECKED: CHENLEI		2017/09/10		PART NO: EAST-DPM20190A1R	
		APPROVED: QINKAIXING		2017/09/10		UNIT: mm	
						SCALE: N/A	
						SHEET: 1:1	
						REV.	

REV.	ECN NO.	MODIFY MATTER	DATE	APPROVED
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Notes:

- 1.The start and end of each Reel, Based on the actual quantity, Reserved 10~20 Pcs space,
- 2.Cover Tape and Carry Tape peel: 10gf~130gf, Peel Deg.:165°~175°, Peel speed: 250~300mm/min.,
- 3.Carton size: 350*350*380mm. K=K,
- 4.Q'ty: 560 Pcs/Reel, 10 Reels/Carton, Total 5,600 Pcs/Carton.

TOLERANCES UNLESS OTHERWISE SPECIFIED: X. — X. X ± 0.38 X. XX ± 0.25 X. XXX ± 0.10 Angle ± 1°		CUSTOMER COPY		深圳市东方御业科技有限公司 WWW.DFYCONN.COM TEL:0755-27155560			
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		CHECKED: CHENLEI	2017/09/10	UNIT: mm	SCALE: N/A	SHEET: 1:1	REV.
		APPROVED: QINKAIXING	2017/09/10				