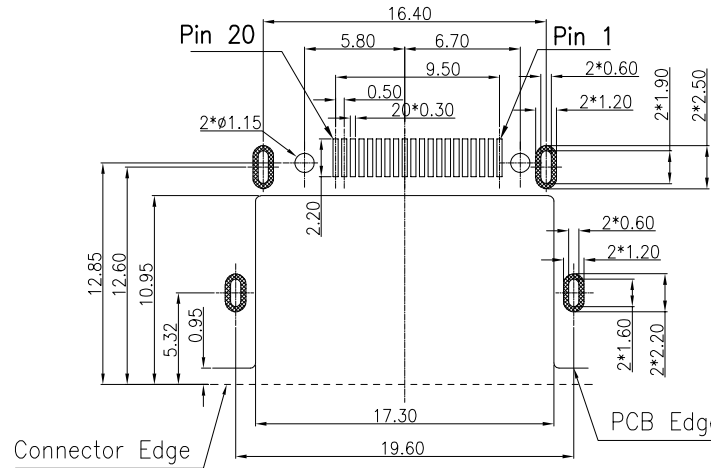
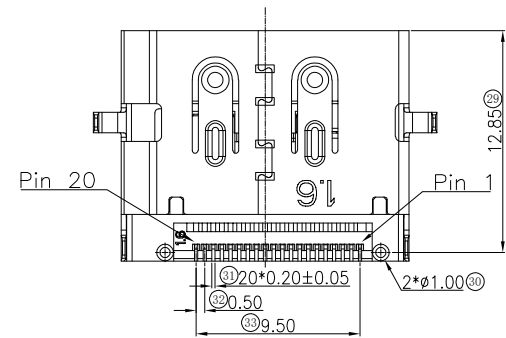
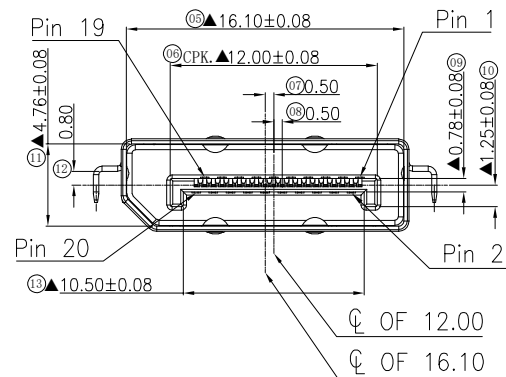
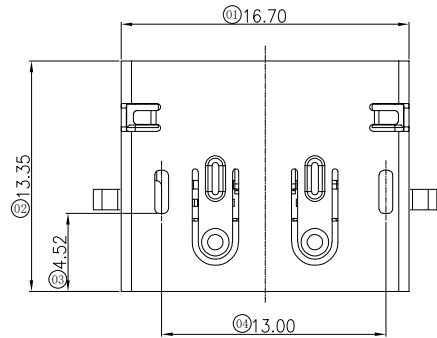
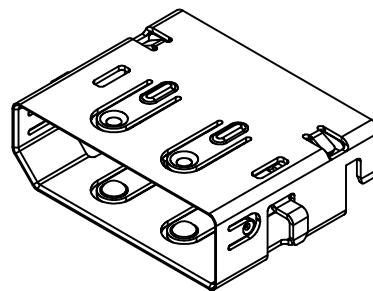
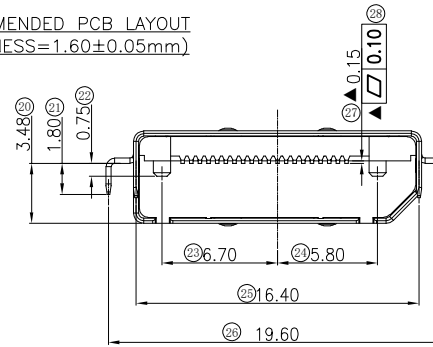
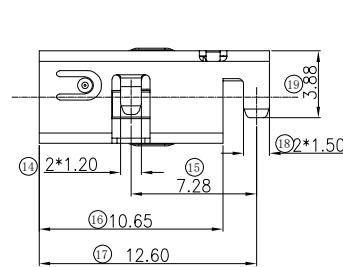


REV.	ECN NO.	MODIFY MATTER	DATE	APPROVED
A		RELEASE TO PRODUCTION		



RECOMMENDED PCB LAYOUT
(THICKNESS=1.60±0.05mm)



EAST-DP20P080APR

电镀规格:
A: 镀金1U"
B: 镀金3U"
E: 镀金15U"
G: 镀金30U"

NOTE:

A. MATERIAL:

1. Housing: LCP(HF) UL94V-0 Black
2. Contact: Copper Alloy
3. Shell: Steel

B. PLATING:

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

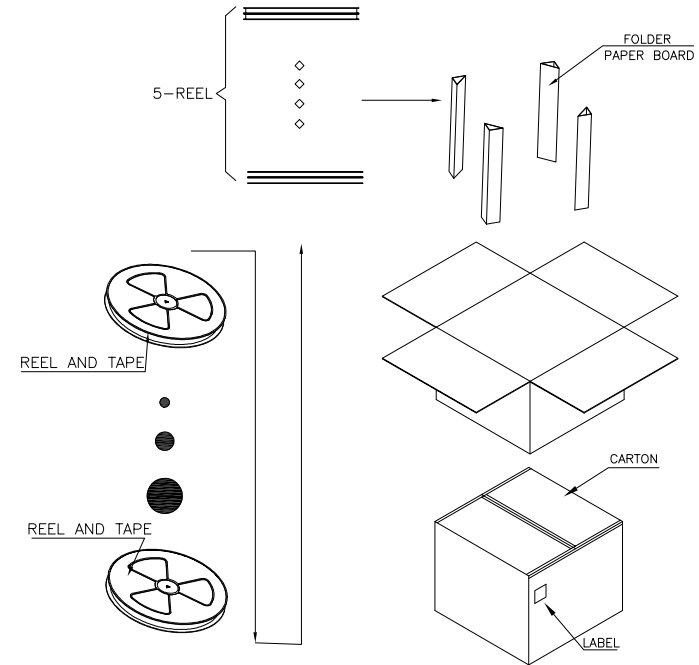
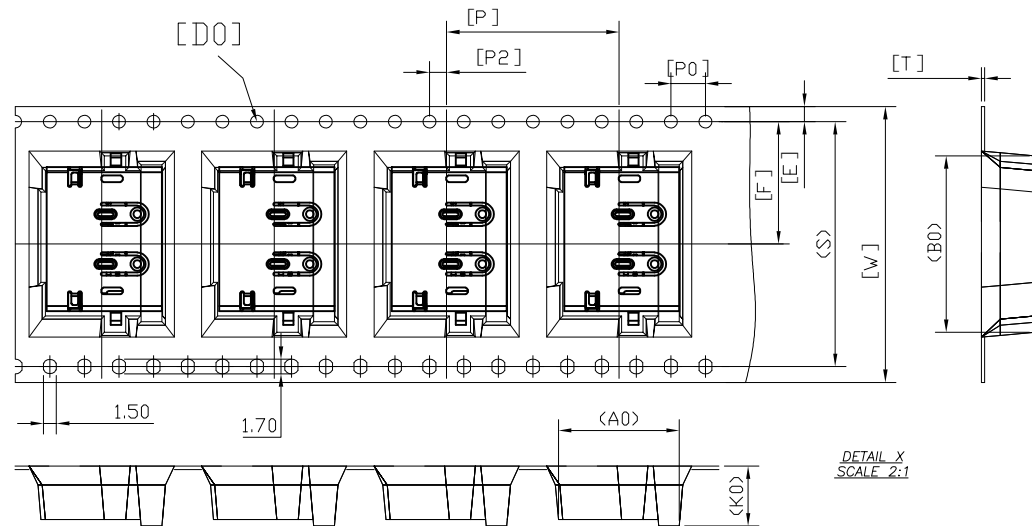
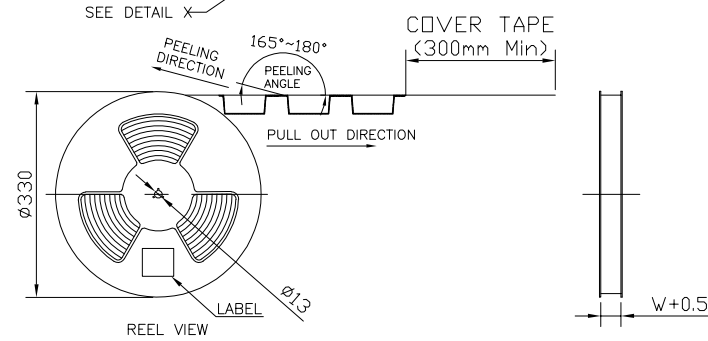
C. SPECIFICATION:

1. Current: 0.5A
2. Voltage: 40V RMS
3. Withstanding Voltage: 500V AC
4. Contact Resistance: $\Delta R=30 \text{ m}\Omega$ max. (Contact)
 $\Delta R=50 \text{ m}\Omega$ max. (Shell)
5. Insulation Resistance: 100 M Ω min.
6. Temperature Range: -20°C to +85°C
7. Mating And unmating Force:
 - 7.1 Mating Force: 4.5Kg(44.1N)Max.
 - 7.2 Unmating Force: 1.0Kg~4.0Kg(9.8N~39.2N)
8. Durability: 10000 Cycles

DisplayPort Connector Pin Assignment			
Pin Number	Signal Type	Pin Name	Mating Row Contact Location
1	Dut	ML_Lane0(p)	Top
2	GND	GND	Bottom
3	Dut	ML_Lane0(n)	Top
4	Dut	ML_Lane1(p)	Bottom
5	GND	GND	Top
6	Dut	ML_Lane1(n)	Bottom
7	Dut	ML_Lane2(p)	Top
8	GND	GND	Bottom
9	Dut	ML_Lane2(n)	Top
10	Dut	ML_Lane3(p)	Bottom
11	GND	GND	Top
12	Dut	ML_Lane3(n)	Bottom
13	CONFIG	CONFIG1	Top
14	CONFIG	CONFIG2	Bottom
15	I/O	AUX CH(p)	Top
16	GND	GND	Bottom
17	I/O	AUX CH(n)	Top
18	In	Hot Plug	Bottom
19	RTN	RETRN	Top
20	PWR Dut	DP_PWR	Bottom

TOLERANCES UNLESS OTHERWISE SPECIFIED: X. --- X.X ± 0.38 X.XX ± 0.25 X.XXX ± 0.10 Angle ± 1°	COSTOMER COPY		深圳市东方御业科技有限公司 WWW.DFYCONN.COM TEL:0755-27155560				
	DRAWN:		2017/09/10	TITAL:			
	CHENLEI	DisplayPort SMT沉板中心高0.80mm 外壳无卷边有柱 (RoHS)					
	CHECKED:		2017/09/10	PART NO:			
CHENLEI	EAST-DP20P080APR						
THESE DRAWING AND SPECIFICATION ARE THE PROPERTY OF Shenzhen Dongfangyue ELECTRONIC CO., LTD.. SHALL NOT BE REPRODUCED.	APPROVED:		UNIT:		SCALE:	SHEEL:	REV.
	QINKAIXING	2017/09/10					

REV.	ECN NO.	MODIFY MATTER	DATE	APPROVED
A		RELEASE TO PRODUCTION		



TOLERANCES UNLESS OTHERWISE SPECIFIED:
X. ---
X.X ± 0.38
X.XX ± 0.25
X.XXX ± 0.10
Angle ±1°

COSTOMER COPY

深圳市东方御业科技有限公司
WWW.DFYCONN.COM TEL:0755-27155560

DRAWN:

CHENLEI

2017/09/10

CHECKED:

CHENLEI

2017/09/10

APPROVED:

QINKAIXING

2017/09/10

TITAL: DisplayPort SMT沉板中心高0.80mm
外壳无卷边有柱 (RoHS)

PART NO: EAST-DP20P080APR

UNIT: mm SCALE: N/A SHEEL: 1:1 REV.

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CONNECTOR (PCS)

REEL/TRAY

CARTON

500PCS

2500PCS