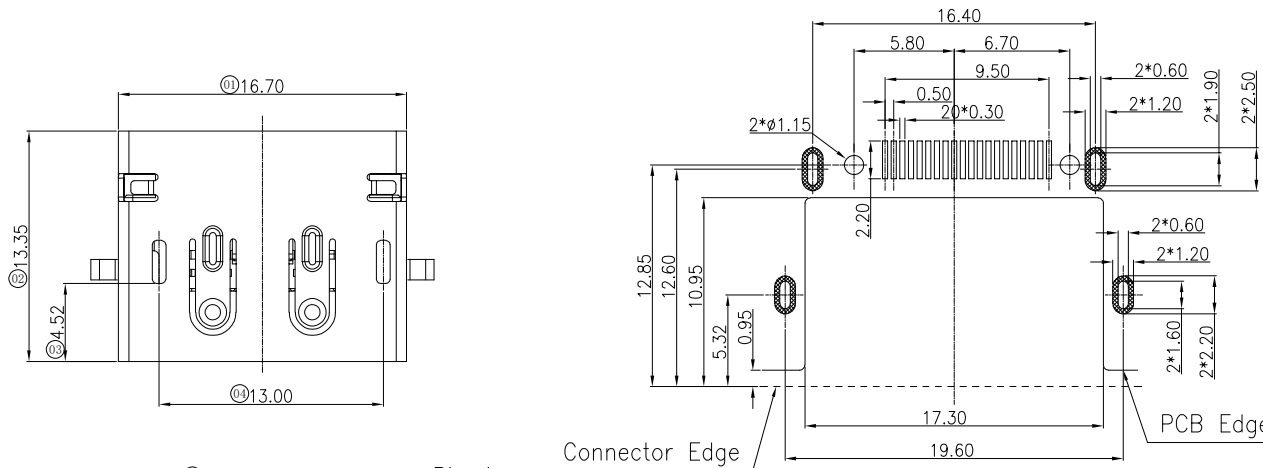
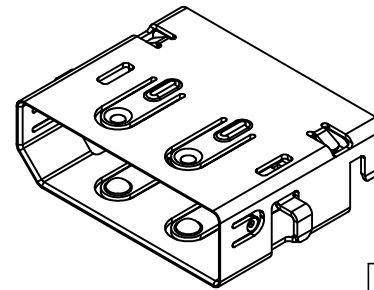
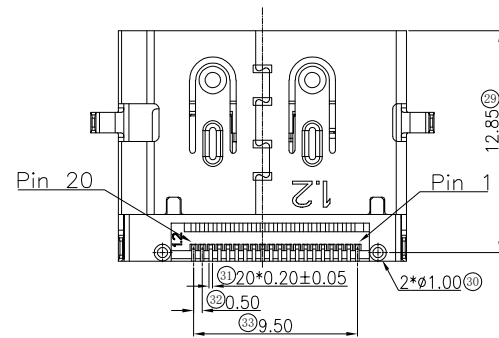
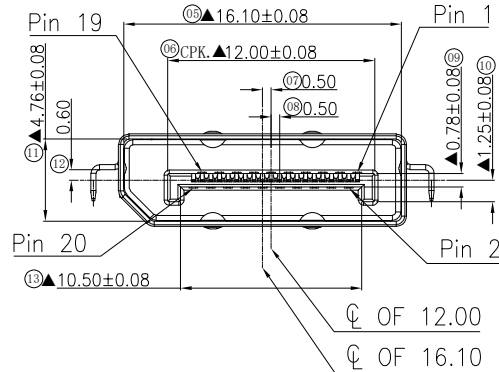
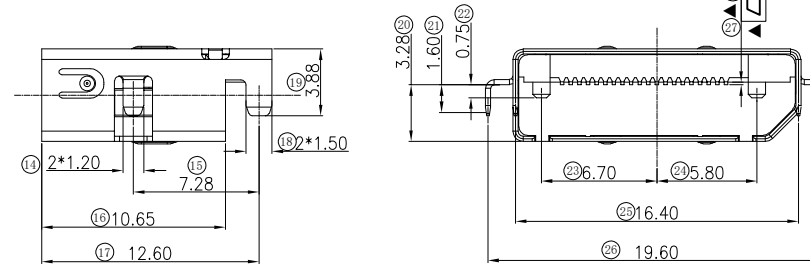


REV.	ECN NO.	MODIFY MATTER	DATE	APPROVED
A		RELEASE TO PRODUCTION		



RECOMMENDED PCB LAYOUT
(THICKNESS=1.20±0.05mm)



EAST-DP20P060APR

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: 4.5Kgf(44.1N)Max.
 - 7.2 Unmating Force: 1.0Kgf~4.0Kgf(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	Top
2	GND	GND	Bottom	Bottom
3	Dut	ML_Lane0(n)	Top	Top
4	Dut	ML_Lane1(p)	Bottom	Bottom
5	GND	GND	Top	Top
6	Dut	ML_Lane1(n)	Bottom	Bottom
7	Dut	ML_Lane2(p)	Top	Top
8	GND	GND	Bottom	Bottom
9	Dut	ML_Lane2(n)	Top	Top
10	Dut	ML_Lane3(p)	Bottom	Bottom
11	GND	GND	Top	Top
12	Dut	ML_Lane3(n)	Bottom	Bottom
13	CONFIG	CONFIG1	Top	Top
14	CONFIG	CONFIG2	Bottom	Bottom
15	I/O	AUX CH(p)	Top	Top
16	GND	GND	Bottom	Bottom
17	I/O	AUX CH(n)	Top	Top
18	In	Hot Plug	Bottom	Bottom
19	RTN	RETRN	Top	Top
20	PWR Dut	DP_PWR	Bottom	Bottom

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

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CHECKED: CHENLEI

APPROVED: QINKAIXING

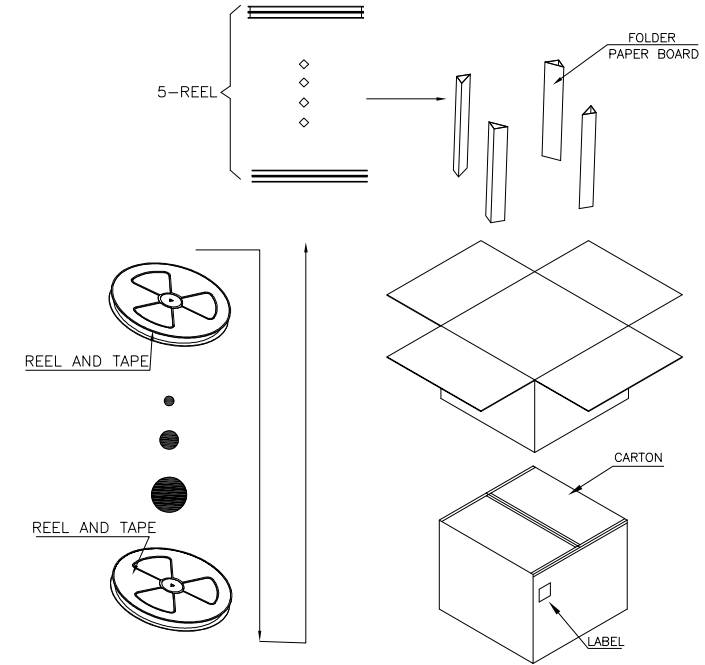
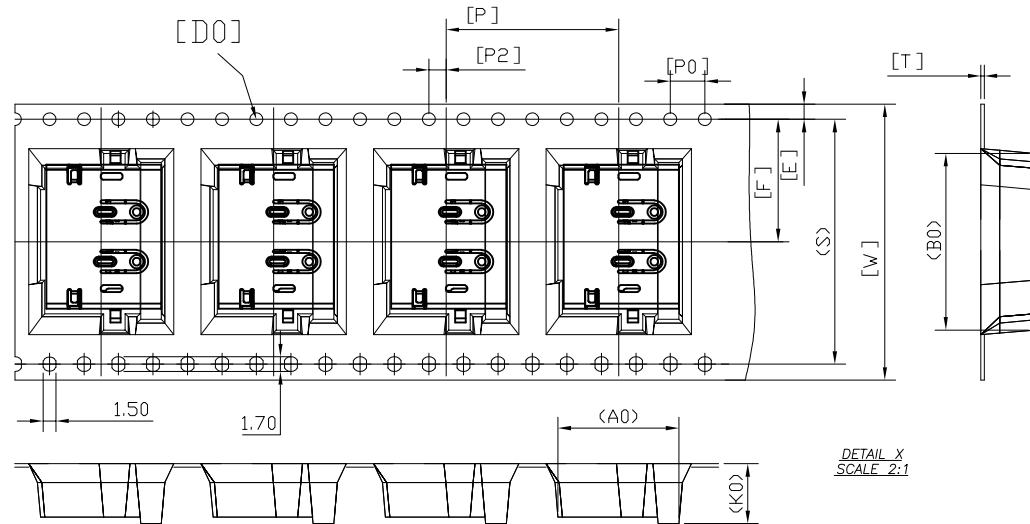
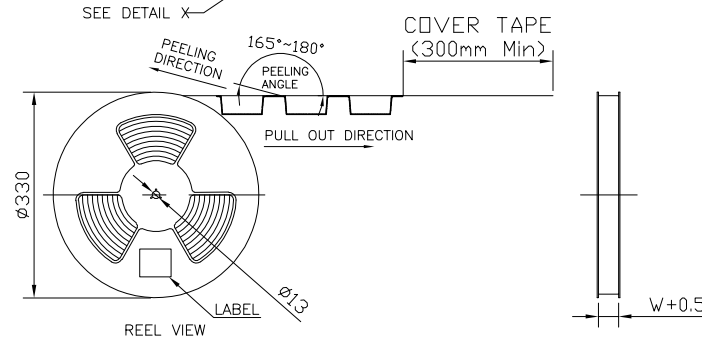
深圳市东方御业科技有限公司
WWW.DFYCONN.COM TEL:0755-27155560

TITLE: DisplayPort SMT沉板中心高0.60mm
外壳无卷边有柱 (RoHS)

PART NO: EAST-DP20P060APR

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

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°

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TITAL: DisplayPort SMT沉板中心高0.60mm
外壳无卷边有柱包装图 (RoHS)
PART NO: EAST-DP20P060APR

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

	REEL/TRAY	CARTON
CONNECTOR (PCS)	500PCS	2500PCS