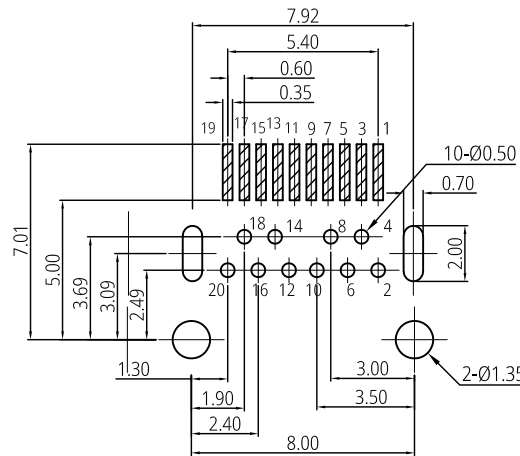
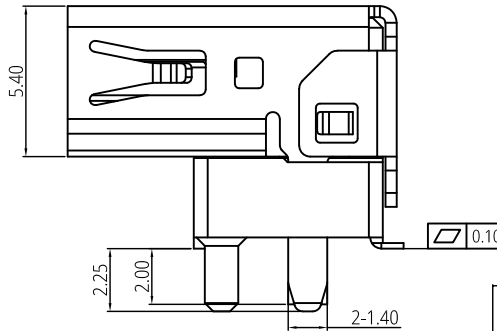
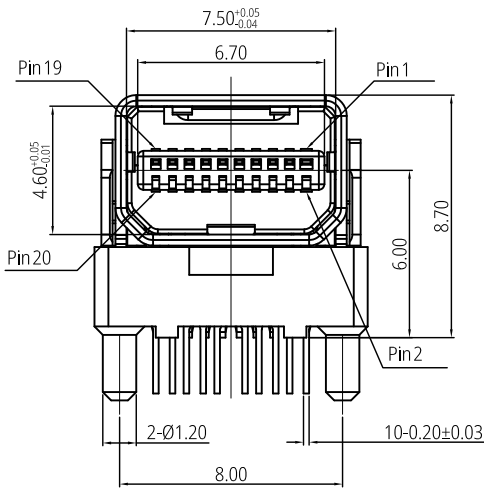
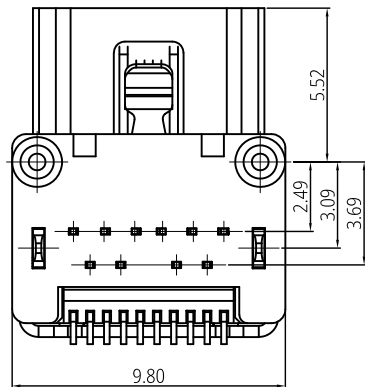


3D View



Recommended P.C.B Layout (Top View)  
(Tolerance: ±0.05mm)



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.

Part Number: PDP0310X0003

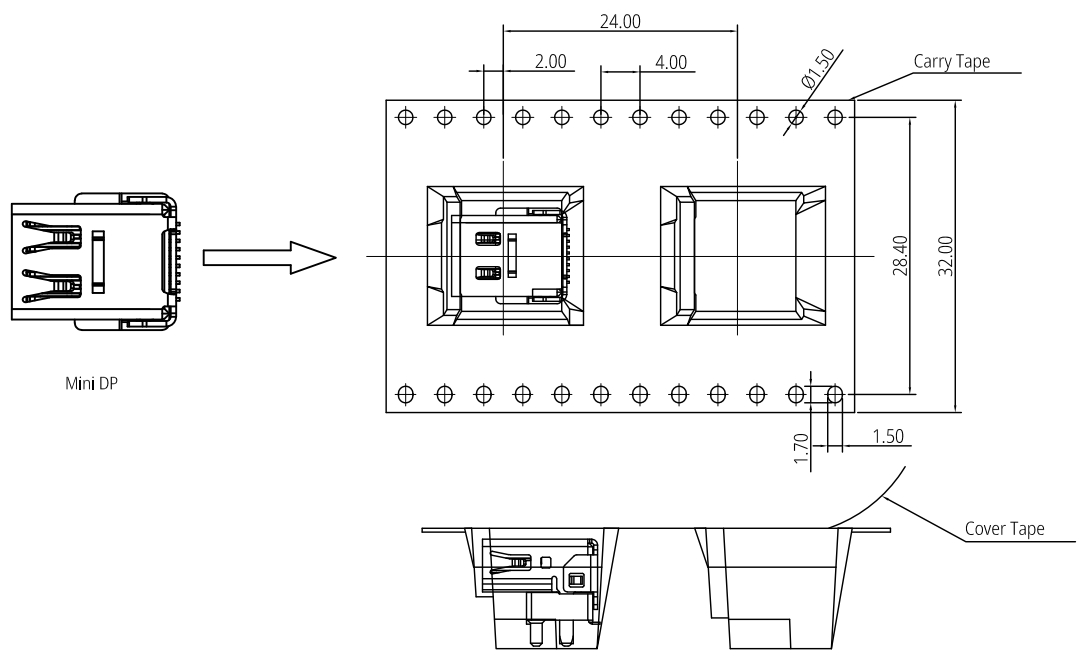
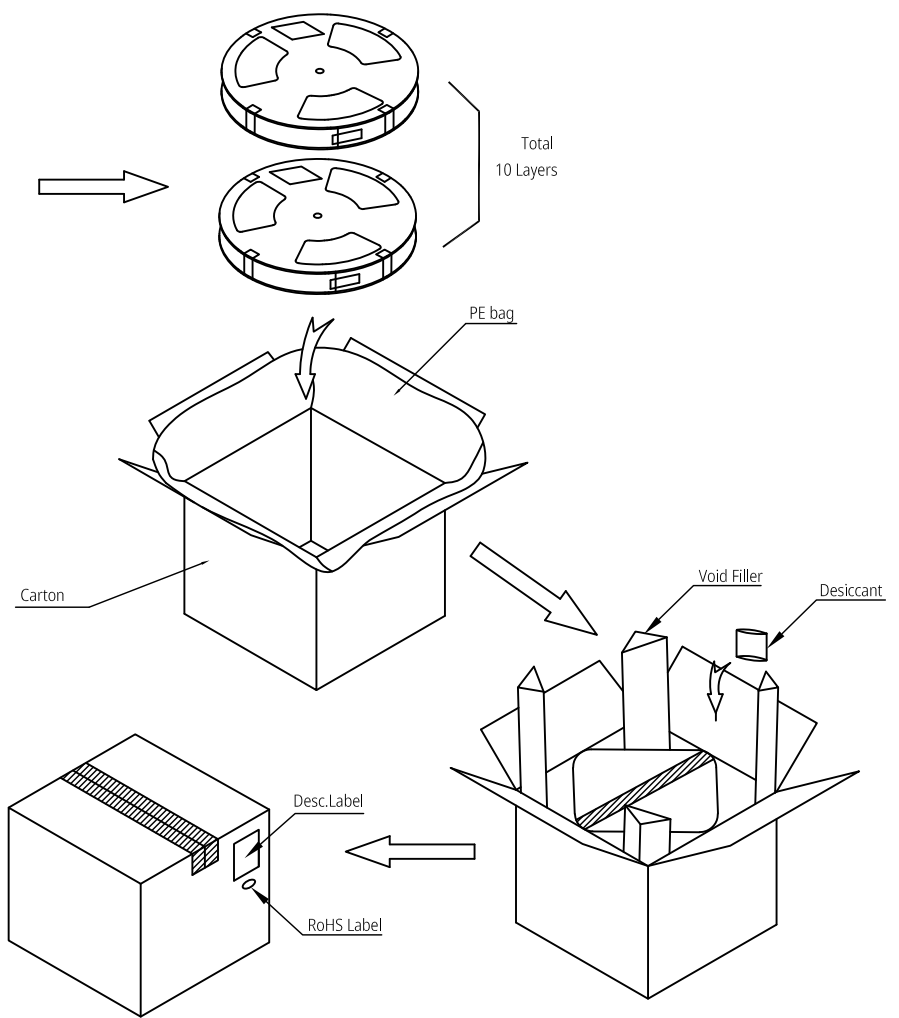
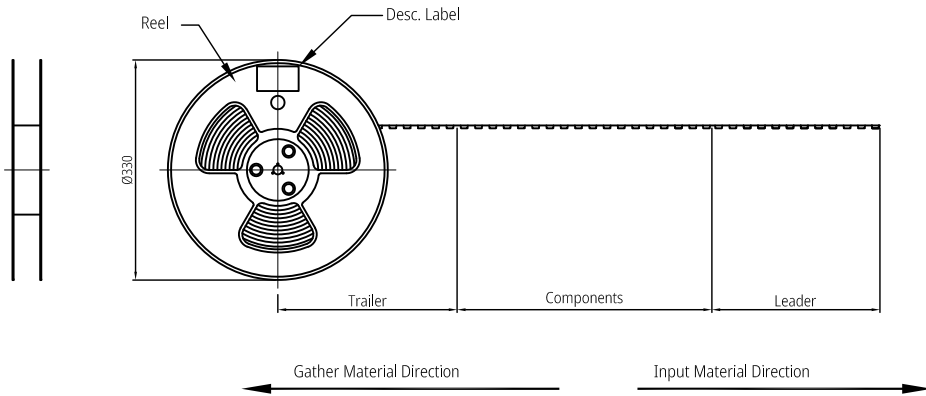
Contact Plating Spec. Code:

- 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.
- C: Au 15μ" on Contact area, matte Tin 60μ" min. 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

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	X ± 0.30	X° ± 3°	PDP0310X0003									
	.XX ± 0.20	.X° ± 2°	APPROVED BY	Kysin	TITLE	0.60 Pitch, Mini DisplayPort 20Pin Rec. Top-Mount, CH=6.0mm, Hybrid Type						
	.XXX ± 0.05	.XX° ± 1°	CUSTOMER DRAWING		CHECKED BY	Steven	DWG NO.	PDP03-30				
SIZE	UNITS	DRAWN BY	Lucie	<table border="1" style="display: inline-table; margin-left: 20px;"> <tr> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>1 / 2</td> <td>1:1</td> <td>B2</td> </tr> </table>			SHEET	SCALE	REV	1 / 2	1:1	B2
SHEET	SCALE	REV										
1 / 2	1:1	B2										
A4	mm[only]											



- Notes:
- 1.The start and end of each Reel, Based on the actual quantity, reserved 10~20Pcs 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: 200Pcs/Reel, 10Reels/Carton, Total 2,000Pcs/Carton.

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	X ± 0.30	X° ± 3°	PDP0310X0003	
	.XX ± 0.20	.X° ± 2°	APPROVED BY	TITLE
	.XXX ± 0.05	.XX° ± 1°	Kysin	0.60 Pitch, Mini DisplayPort 20Pin Rec. Top-Mount, Hybrid Type Packaging
	CUSTOMER DRAWING		CHECKED BY	DWG NO.
SIZE		UNITS	STEVEN	PDP03-30
A4		mm[only]	DRAWN BY	
			Lucie	
				SHEET
				2 / 2
				SCALE
				NA
				REV
				B2