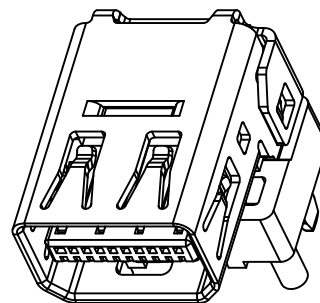
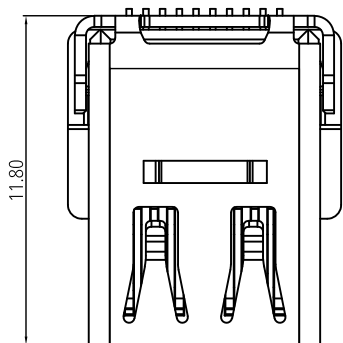
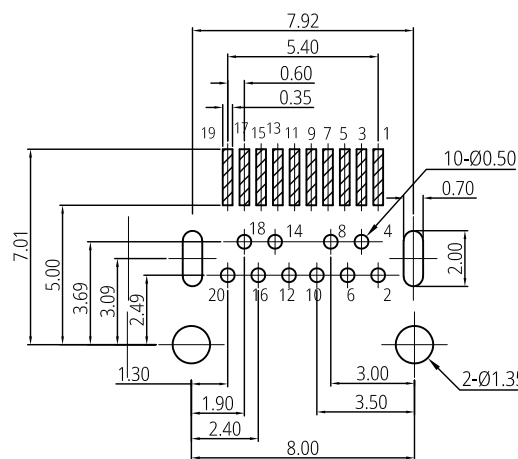
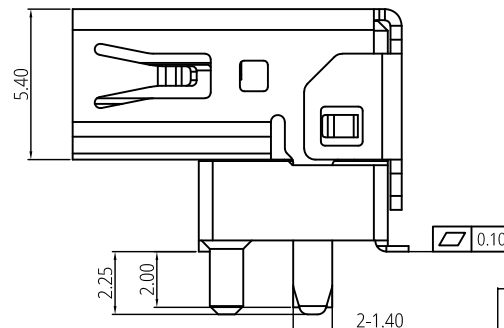
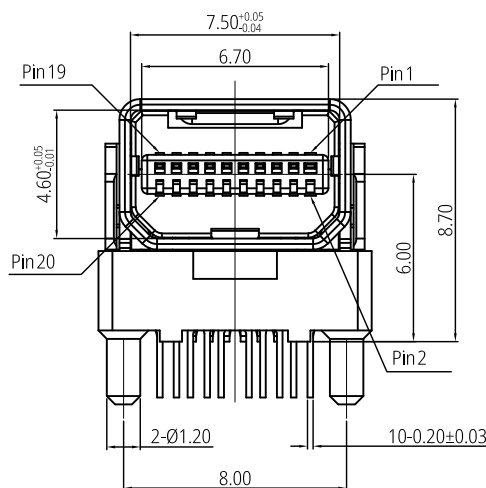




3D View



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

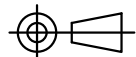
Contact Plating Spec. Code:

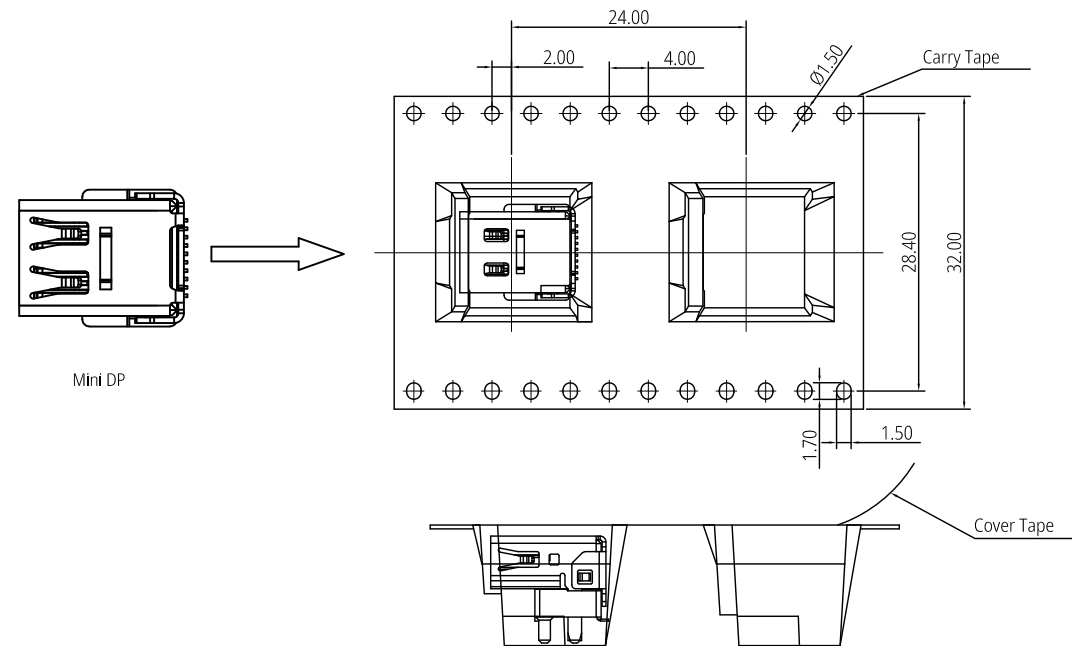
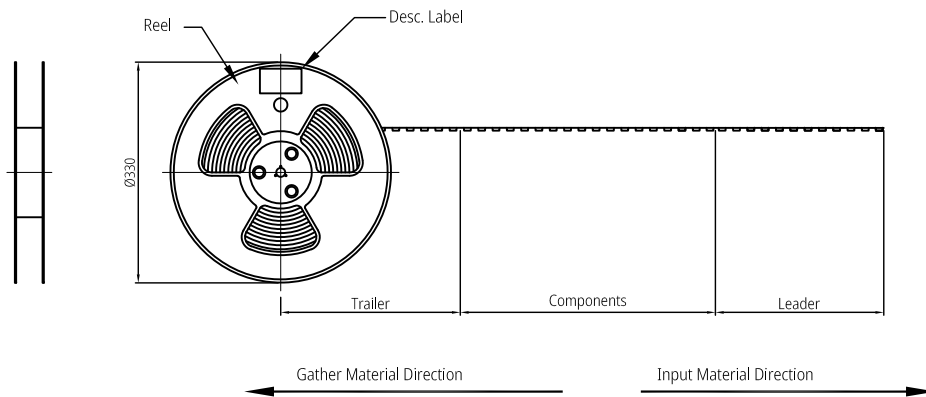
- A: Gold Flash on Contact area, matte Tin 60μ" min. on Tails, and 50μ" min. Nickel overall.
 B: Au 5μ" on Contact area, matte Tin 60μ" min. on Tails and 50μ" min. Nickel overall.
 C: Au 15μ" on Contact area, matte Tin 60μ" min. on Tails and 50μ" min. Nickel overall.

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

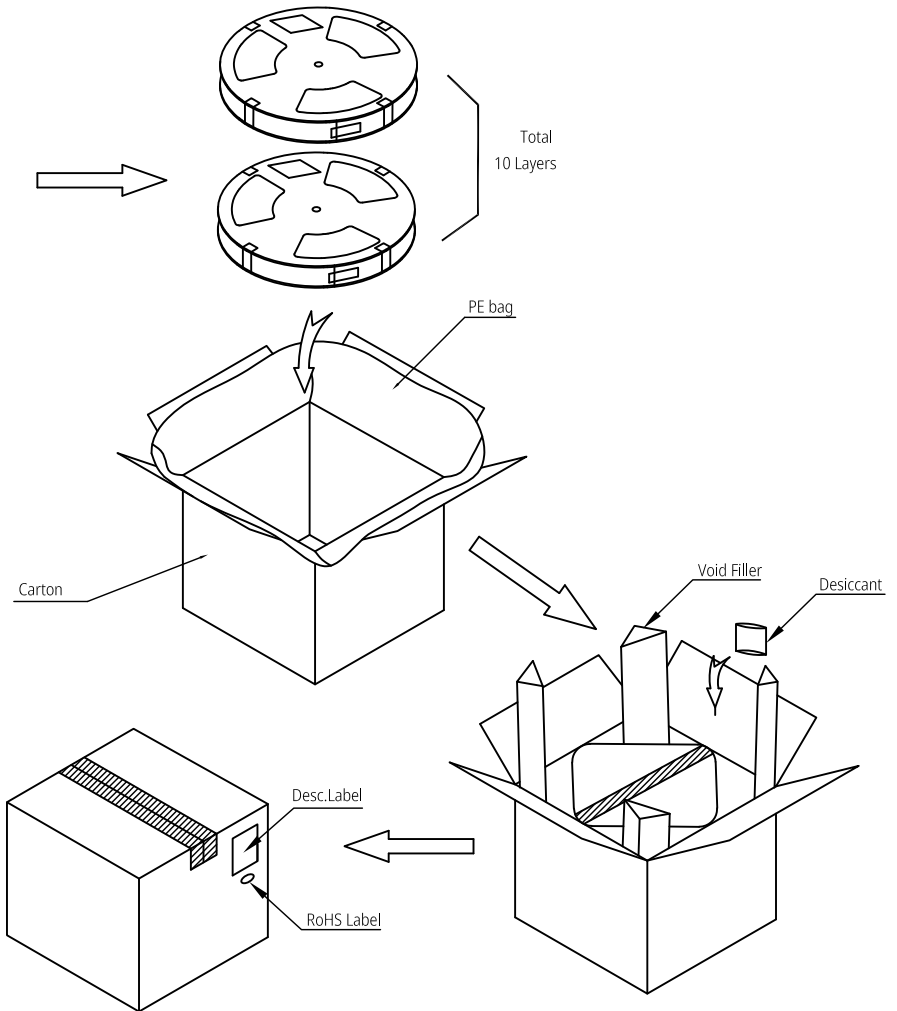
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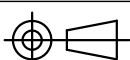
GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.			
.X ± 0.30	.X° ± 3°	PPDP0310X0003			
.XX ± 0.20	.X° ± 2°	APPROVED BY	TITLE 0.60 Pitch, Mini DisplayPort 20Pin Rec. Top-Mount, CH=6.0mm, Hybrid Type		
.XXX ± 0.05	.XX° ± 1°	Kysin			
CUSTOMER DRAWING		CHECKED BY	DWG NO. PDP03-30		
		Steven			
SIZE	UNITS	DRAWN BY			
A4	mm[only]	Lucie			
			SHEET	SCALE	REV
			1 / 2	1:1	B2



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.



THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®		
	$X \pm 0.30$	$X^{\circ} \pm 3^{\circ}$	PPDP0310X0003			
	$.XX \pm 0.20$	$X^{\circ} \pm 2^{\circ}$	APPROVED BY	TITLE 0.60 Pitch, Mini DisplayPort 20Pin Rec. Top-Mount, Hybrid Type Packaging		
	$.XXX \pm 0.05$	$.XX^{\circ} \pm 1^{\circ}$	Kysin			
	CUSTOMER DRAWING		CHECKED BY	DWG NO. PDP03-30		
			Steven			
	SIZE	UNITS	DRAWN BY			
A4	mm[only]	Lucie	SHEET			
			2 / 2	NA	B2	