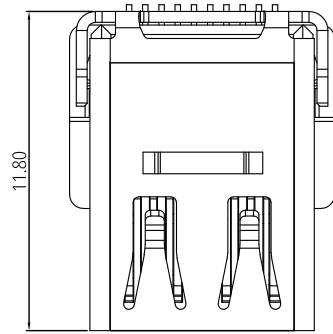
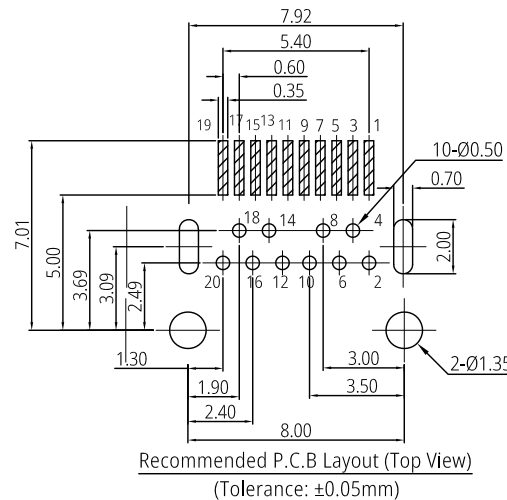
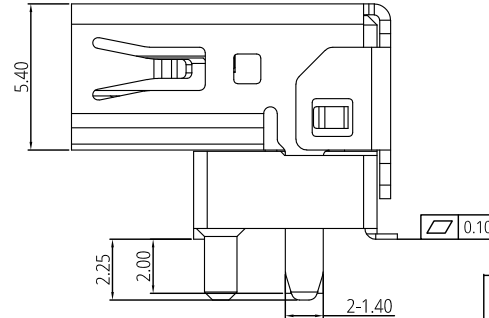
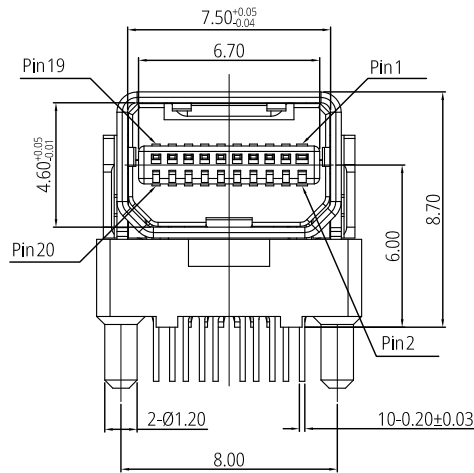
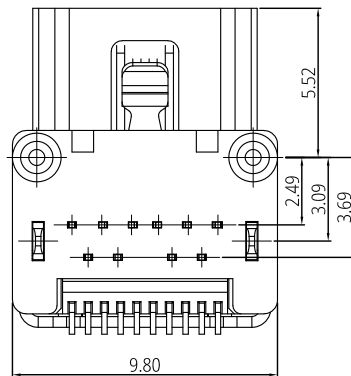


3D View



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.

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

Part Number: PDP0310X0003

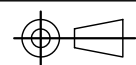
Contact Plating Spec. Code:

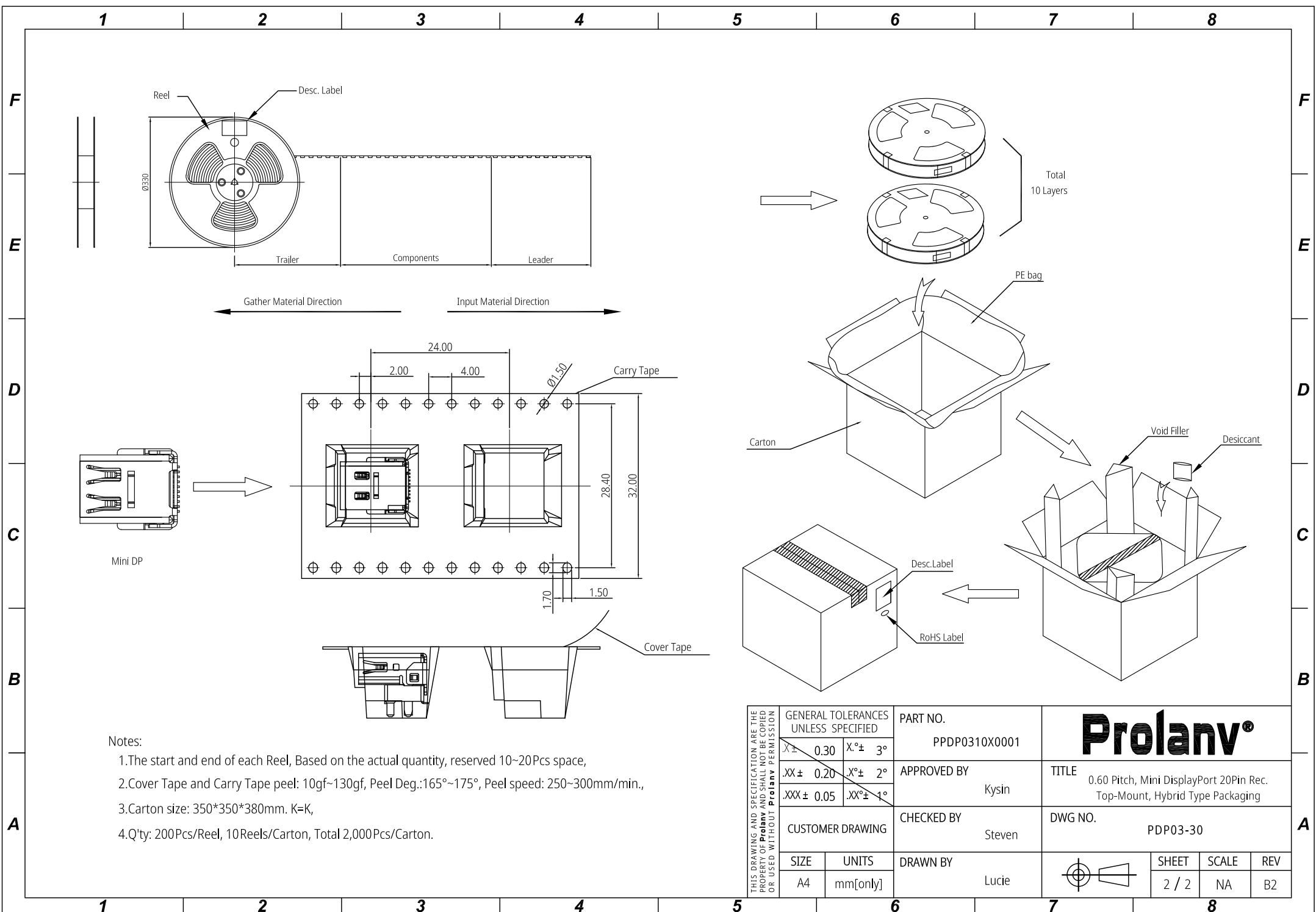
A: Gold Flash on Contact area, matte Tin 60μ" min. on Tails, and 50μ" min. Nickel overall.

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.

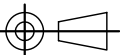
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION

GENERAL TOLERANCES UNLESS SPECIFIED			PART NO.		Prolanv®		
X±	0.30	X.°± 3°	PPDP0310X0001				
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		
					1 / 2		
					SCALE		
					1:1		
					REV		
					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. PPDP0310X0001	Prolanv®		
	$X \pm 0.30$	$X^\circ \pm 3^\circ$				
	$.XX \pm 0.20$	$.X^\circ \pm 2^\circ$	APPROVED BY Kysin	TITLE 0.60 Pitch, Mini DisplayPort 20Pin Rec. Top-Mount, Hybrid Type Packaging		
	$.XXX \pm 0.05$	$.XX^\circ \pm 1^\circ$				
	CUSTOMER DRAWING		CHECKED BY Steven	DWG NO. PDP03-30		
	SIZE	UNITS				
	A4	mm[only]	DRAWN BY Lucie		SHEET 2 / 2	SCALE NA