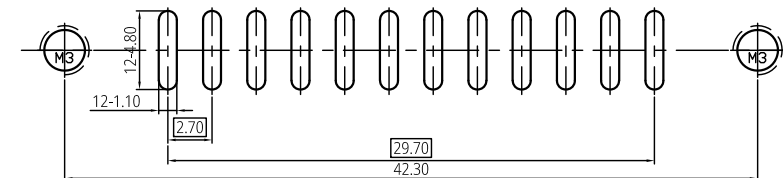


3D View



Recommended P.C.B layout (Top View)

Tolerance ± 0.05

Notes:

1. Material Specification

1-1.Housing: High Temperature Thermoplastic, UL94 V-0,Black.

1-2.Contact: High Conductivity Copper Alloy.

1-3.Screw-Hole: Copper Alloy.

2. Plating Specification:

2-1.Contact: Gold Plating on Contact Area, Gold Flash on Tails, and 50μ " min. Nickel overall.

3. Electrical performance

3-1.Voltage Rating: 50V DC.

3-2.Current Rating: 20A max./Per Pair.

3-3.LLCR: 1.0m Ω max.(initial).

3-4.Dielectric Withstanding Voltage: 500V AC (RMS) for 60S.

3-5.Insulation Resistance: 1000 M Ω min./500V DC.

4. Mechanical Performance:

4-1.Insertion force: 88N (9.0 kgf) max.

4-2.Withdrawal force: 9.8N~88N (1.0~9.0 kgf).

4-3.Durability life: 1,000 cycles.

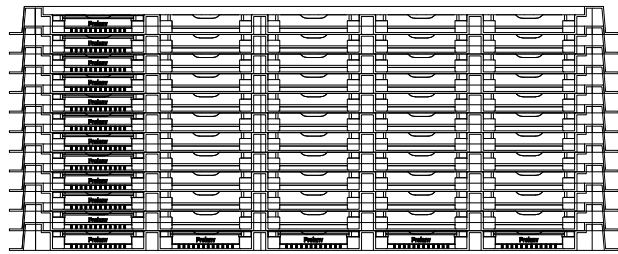
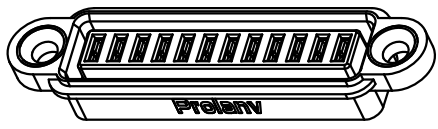
5. IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at $260\pm 5^{\circ}\text{C}$.

6. Operating Temperature Range: $-40\sim 105^{\circ}\text{C}$ (without loss function).

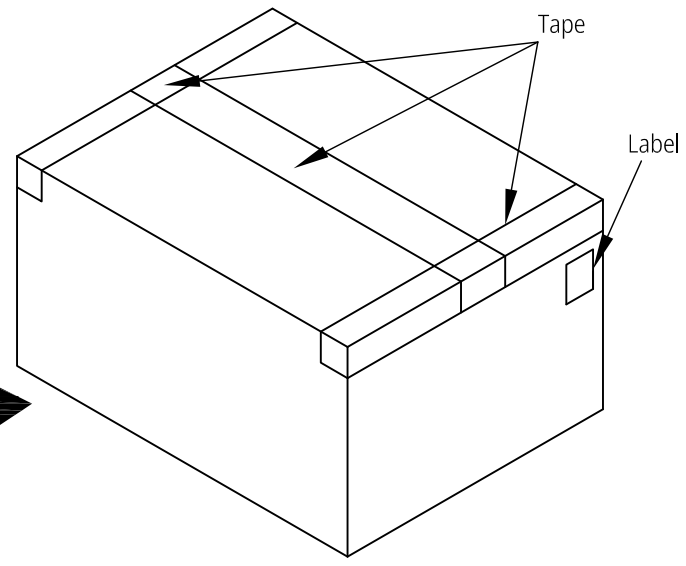
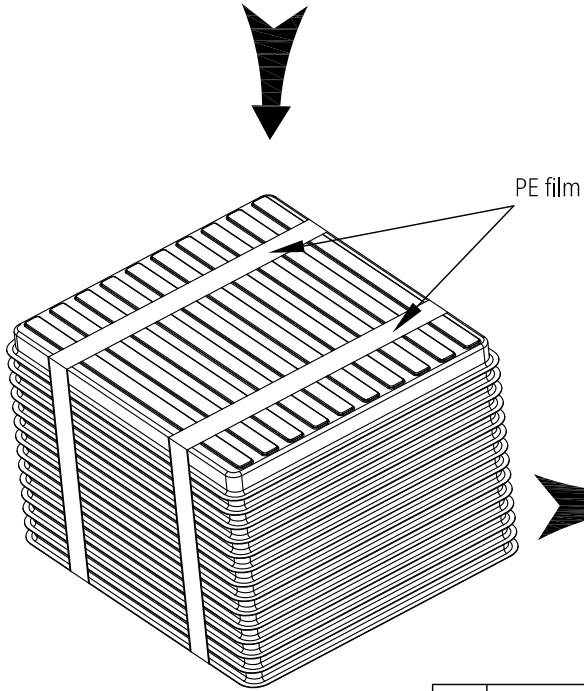
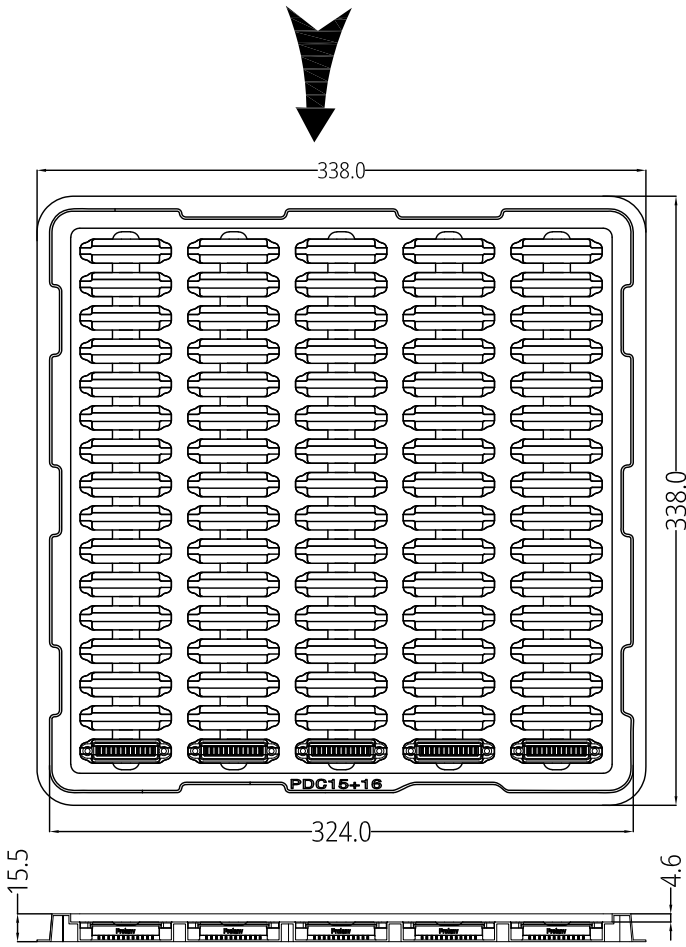
7. All parts RoHS and Reach compliant.

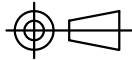
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®				
	X ± 0.30	X.° ± 3°	PDC1620B0011					
	XX ± 0.20	.X.° ± 2°	APPROVED BY	TITLE 20A max./Per Pair Power Female. 2.7Pitch, H6.9mm, DIP Type				
	XXX ± 0.05	.XX.° ± 1°	Mike					
	CUSTOMER DRAWING		CHECKED BY	DWG NO. PDC16-21				
			Henry					
	SIZE		UNITS	DRAWN BY		SHEET	SCALE	REV
	A4		mm[only]	Lucie		1 / 2	1:1	A0



Total:12 Layers

- Notes:
- 1. Q'ty: 80 Pcs/Tray, 12 Layers=960 Pcs/Carton.
 - 2. Tray Pallet size: 338*338mm, T=15.50mm.
 - 3. Carton size: 350*350*155mm.



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	X± 0.30	X°± 3°					
	XX± 0.20	X°± 2°	APPROVED BY Mike	TITLE 20A max./Per Pair. Power Female. 2.7Pitch, H6.9mm, DIP Type Packaging			
	XXX± 0.05	XX°± 1°					
	CUSTOMER DRAWING		CHECKED BY Henry	DWG NO. P-PDC16-21			
	SIZE	UNITS					
	A4	mm[only]	DRAWN BY Lucie			SHEET 2 / 2	SCALE N/A