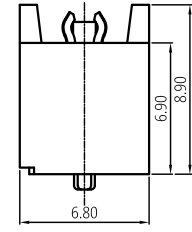
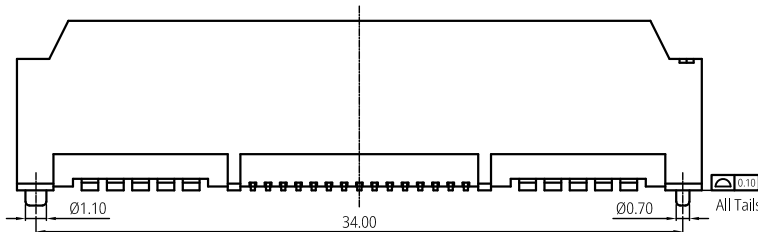


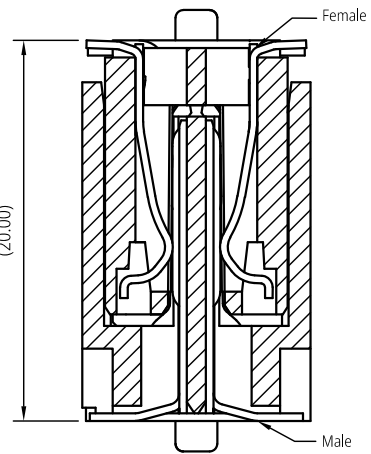
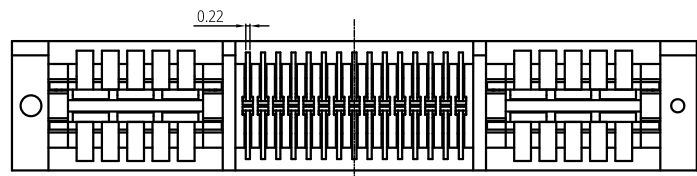
3D View



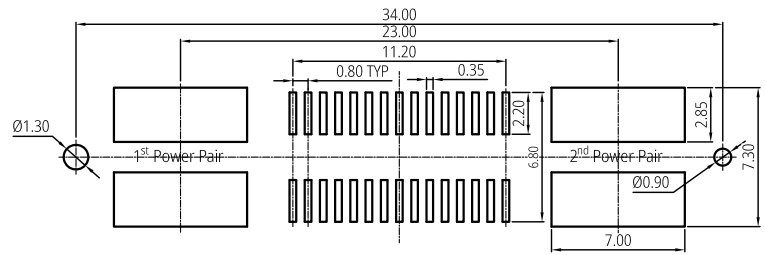
Note:

1. Material:
  - 1-1.Housing: High temperature thermoplastic, UL94 V-0,
  - 1-2.Power Pin: High Conductivity Copper Alloy,
  - 1-3.Signal Pin: Copper Alloy.
2. Plating Specification:
  - 2-1.Power Pin/Signal Pin: Nickel 50µ" min. under plated, Gold plating on the functional area of contact, Matte Tin on Tails,
3. Electrical Performance:
  - 3-1.Current rating (Power Pin): 40A/Per Pair,
  - 3-2.Current rating (Signal Pin): 0.5A/Per Pin,
  - 3-3.LLCR (Power Pin): 1.0mΩ max.(initial), 2mΩ max.(final),
  - 3-4.LLCR (Signal Pin): 55mΩ max.(initial), 20mΩ max.change allowed (final),
  - 3-5.Dielectric Withstanding Voltage: 300V AC (RMS) for 60s.,
  - 3-6.Insulation Resistance: 500MΩ min. @ 500V DC;
4. Mechanical Performance:
  - 4-1.Insertion force: 49.8N (5.0kgf) max.
  - 4-2.Withdrawal force: 4.9-49.8N (0.5-5.0kgf).
  - 4-3.Durability: 1,000 cycles min.
4. IR Reflow:
 

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
5. Operating temperature range: -35°C-105°C(without loss function).
6. All part RoHS and Reach compliant.



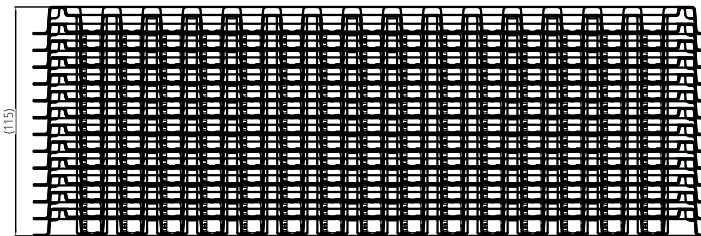
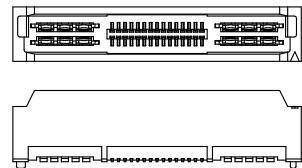
Mating View



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

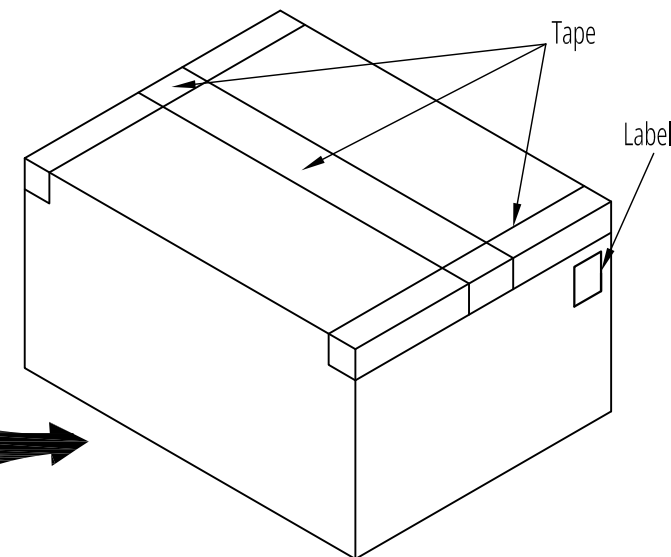
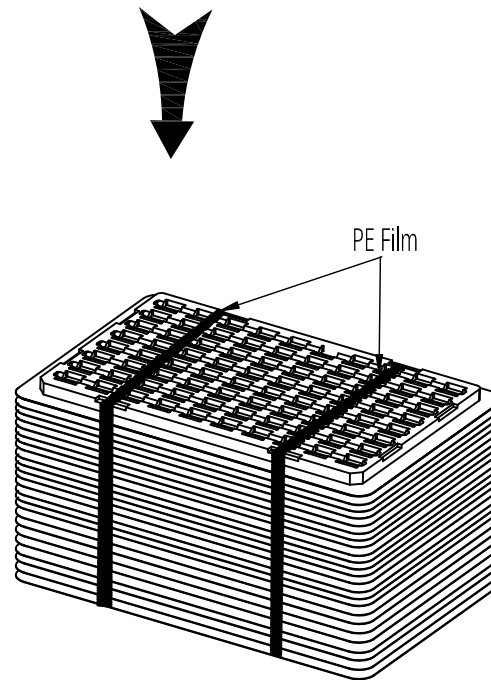
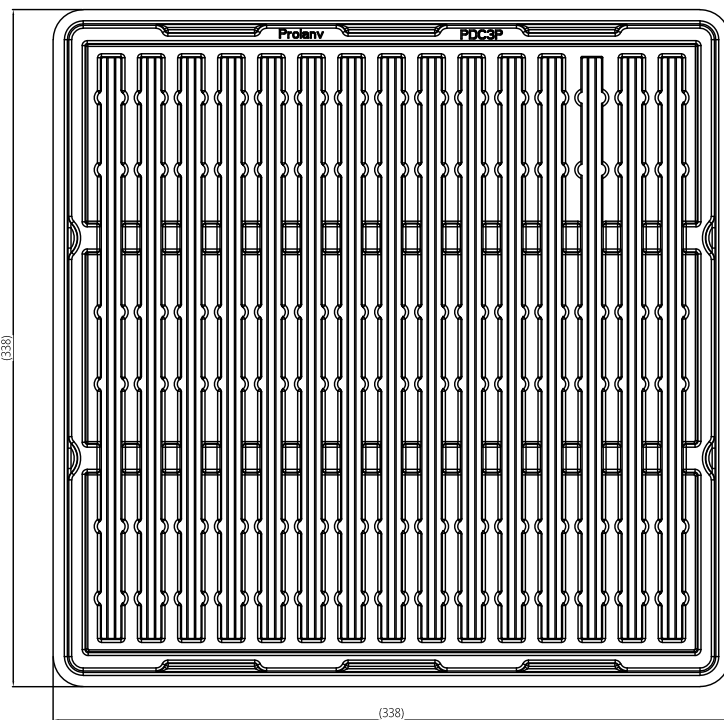
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv INC. AND SHALL NOT BE REPRODUCED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC3P10B000R	<b>Prolanv</b> <sup>®</sup>		
	X ± 0.30	X.° ± 3°				
	XX ± 0.20	.X° ± 2°	APPROVED BY Mike	TITLE Power Male.H9.0mm. 40A/2PW+30S, Vert. SMT Type		
	XXX ± 0.05	.XX° ± 1°	CHECKED BY Kysin	DWG NO. PDC3P-10		
CUSTOMER DRAWING		DRAWN BY Lucie				
SIZE A4	UNITS mm[only]					

1 2 3 4 5 6 7 8



Notes:

1. Q'ty: 120 pcs/Tray, 12 Layers=1,440 pcs/Carton.
2. Tray Pallet size: 338\*338mm.
3. Carton size: 350\*350\*155mm.



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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	<b>Prolanv</b> <sup>®</sup>			
X ± 0.30	X° ± 3°	PDC3P10B000R				
XX ± 0.20	X° ± 2°	APPROVED BY	TITLE			
XXX ± 0.05	XX° ± 1°	Mike	Power Male.H9.0mm. 40A/2PW+30S, SMT Type Packaging			
CUSTOMER DRAWING		CHECKED BY	DWG NO.			
		Kysin	P-PDC3P-10			
SIZE	UNITS	DRAWN BY		SHEET	SCALE	REV
A4	mm[only]	Lucie		2 / 2	NA	B1

1 2 3 4 5 6 7 8