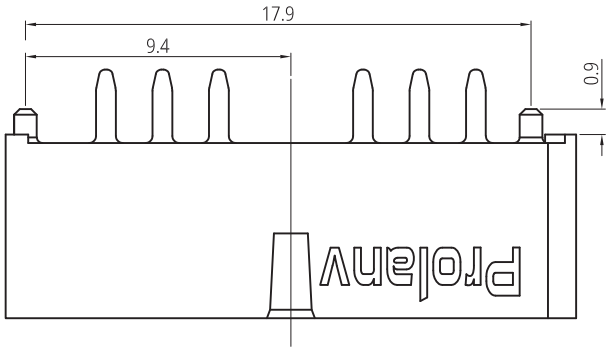
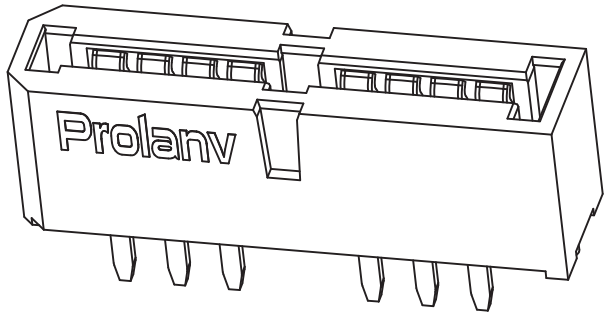
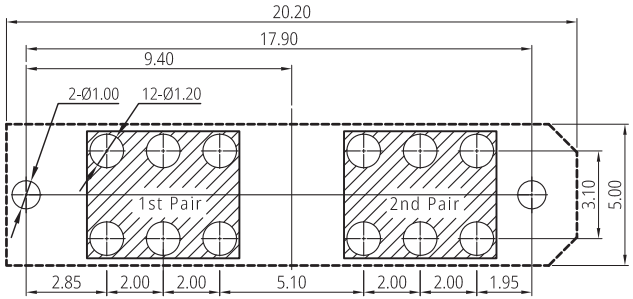
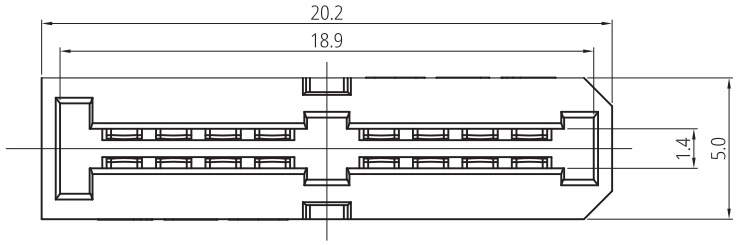


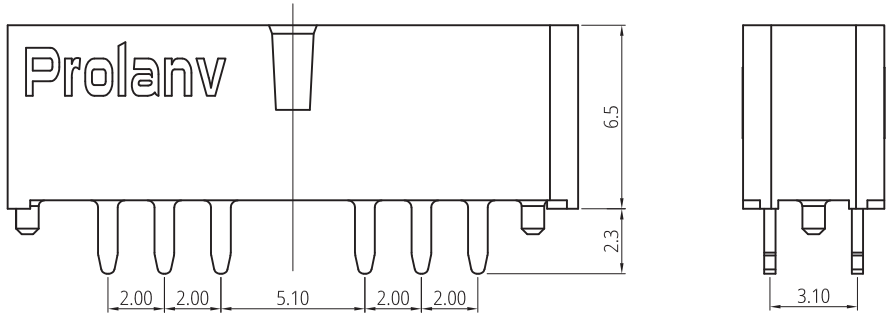


3D View



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.
2. Plating Specification:
 2-1.Contact: Gold plating on Contact area, matte Tin 80μ" min. on Tails, and 50μ" min, Nickel overall.
3. Electrical performance
 3-1.Voltage Rating: 50v DC/Power Pin.
 3-2.Current Rating: 40A/Per Power Pin.
 3-3.LLCR: initial 0.5mΩ max., finished 1.0mΩ maximum change.(Power Pin).
 3-4.Dielectric Withstanding Voltage: 500v DC rms/Power Pin.
 3-5.Insulation Resistance: 500 MΩ min at 500v DC.
4. Mechanical Performance:
 4-1.Insertion force: 35N (3.6kgf) (max.)
 4-2.Withdrawal force: 4.9N~35N (0.5~3.6 kgf).
 4-3.Durability life: 5,000 cycles (max.)
5. IR Reflow:
 The peak temperature on board shall be maintained for 10 seconds at 260±5°c.
6. Operating Temperature Range: -35~105°c(without loss function).
7. All parts RoHS and Reach compliant.

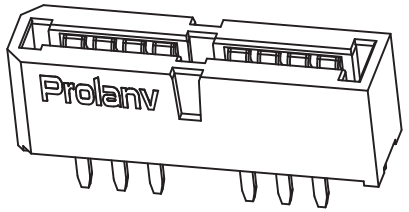
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GENERAL TOLERANCES UNLESS SPECIFIED			
.X ±	0.30	X.° ±	3°
.XX ±	0.20	.X° ±	2°
.XXX ±	0.05	.XX° ±	1°

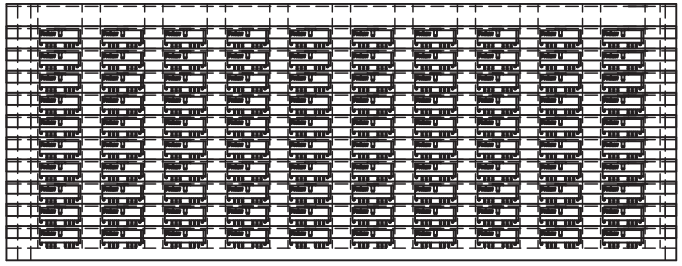
CUSTOMER DRAWING			
SIZE	UNITS		
A4	mm[only]		

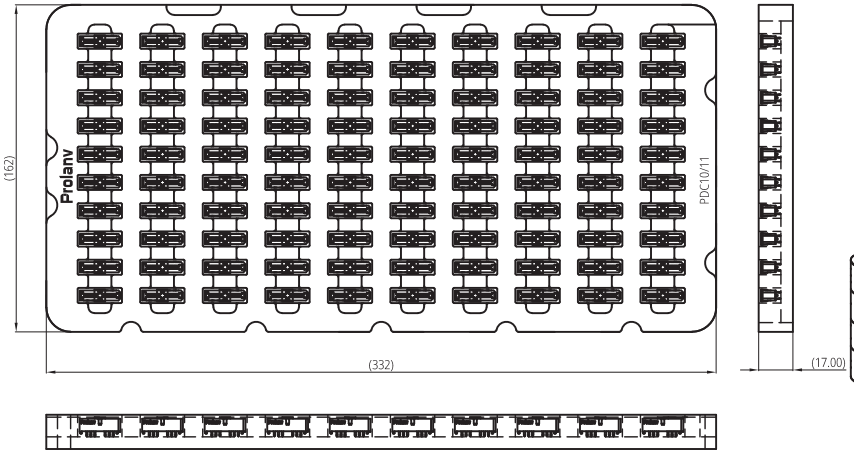
PART NO. PDC1010B0005			Prolanv®	
APPROVED BY Mike			TITLE Mini Hi-Current Power Female. 40A,H6.5mm, 2PW. Straight Type	
CHECKED BY Harry			DWG NO. PDC10-10	
DRAWN BY Poplar			SHEET 1 / 2	SCALE 1:1	REV C2

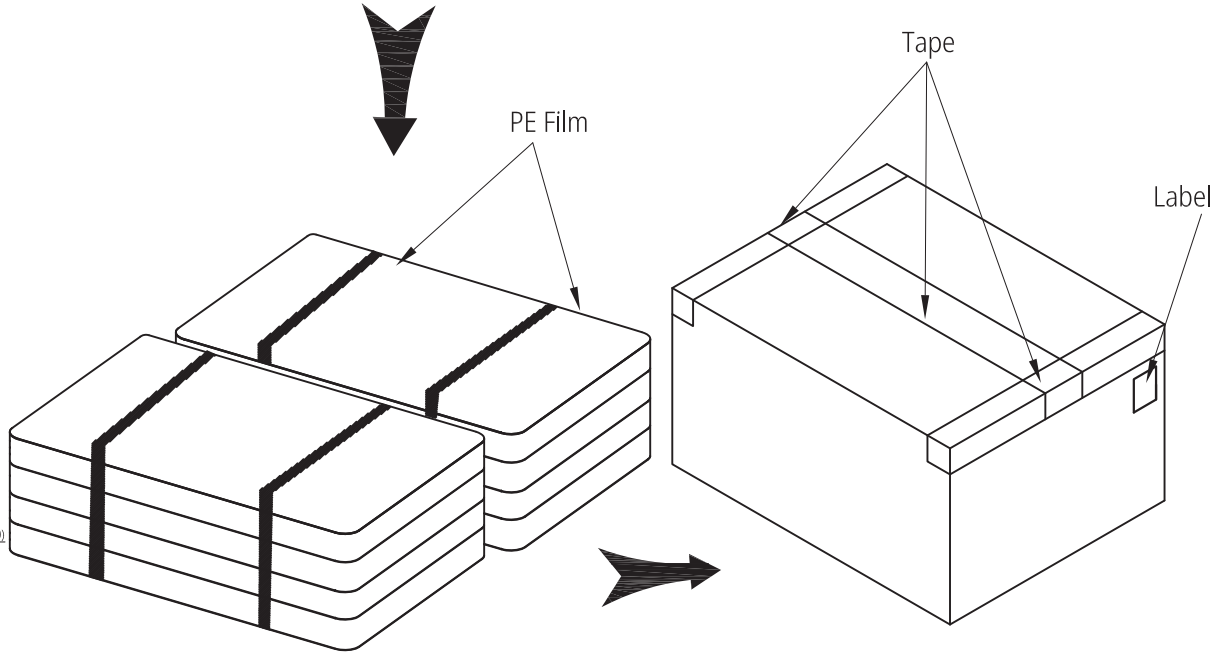
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100 Pcs/Tray







Notes:

1. Q'ty:100 Pcs/Tray, 2x10 Layers=2,000 Pcs/Carton.
2. Tray Pallet size: 332*162*17mm.
3. Carton size: 350*350*155mm.

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		APPROVED BY Mike	TITLE Mini Hi-Current Power Female. 40A, H6.5mm, 2PW. Packaging
	CUSTOMER DRAWING	CHECKED BY Harry	DWG NO. P- PDC10-10
	SIZE A4 / UNITS mm[only]	DRAWN BY Poplar	SHEET 2 / 2 · SCALE N/A · REV C2

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