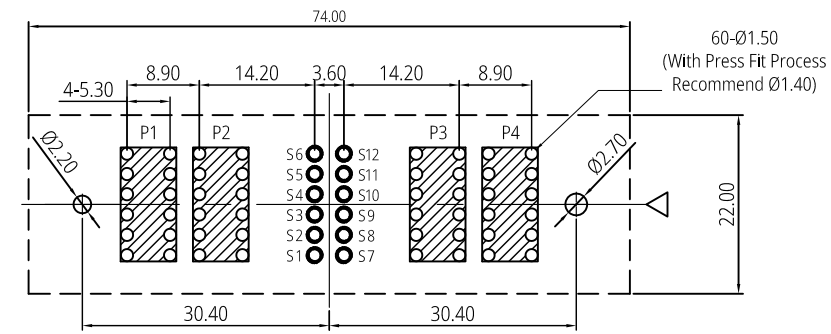
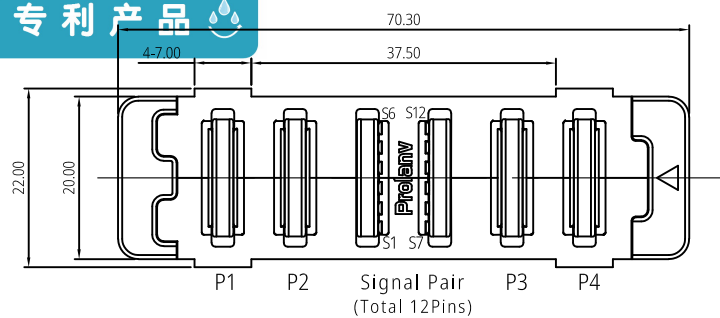


**P**atented product  
 专利产品

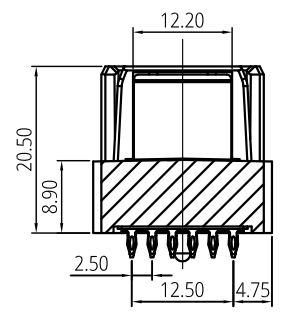
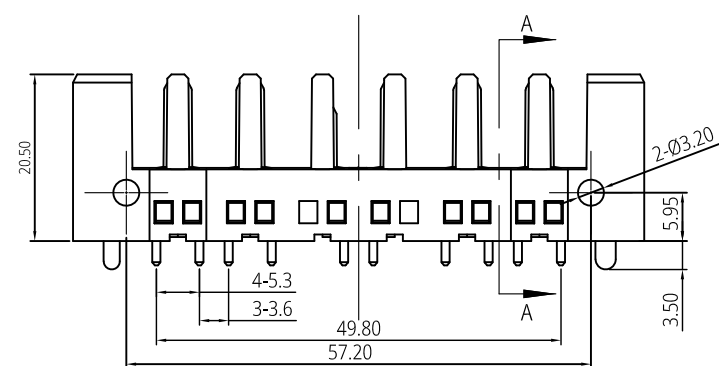


Recommended P.C.B layout (Top View)  
 Tolerance  $\pm 0.05$

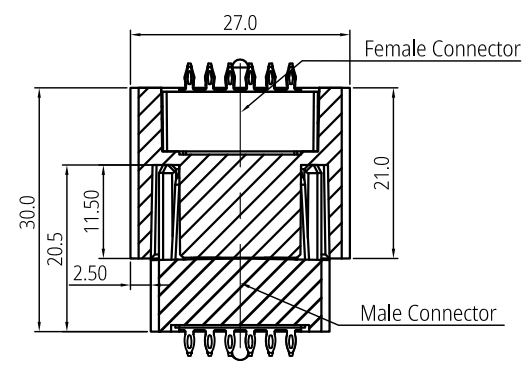
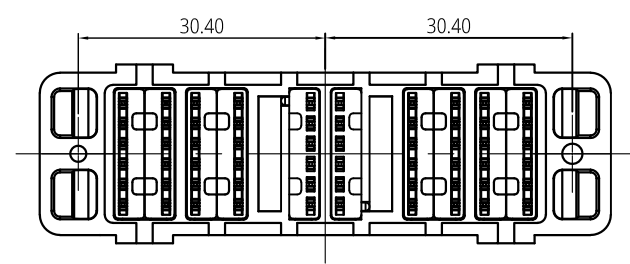
Notes:

- Material Specification
  - Housing: High Temperature Thermoplastic. UL94 V-0, Black.
  - Contact: High Conductivity Copper Alloy.
- Plating Specification:
  - Contact: Gold plating on Contact area, matte Tin  $80\mu\text{m}$  min. on Tails, and  $50\mu\text{m}$  min, Nickel overall.
- Electrical performance
  - Voltage Rating: 600v DC / 250V AC/Power Blade, 120V AC/DC /Signal Pin.
  - Current Rating: 150A Max./Per Power Blade, 7.5A Max/Per Signal Pin.
  - LLCR: initial  $0.5\text{m}\Omega$  max., finished  $1.0\text{m}\Omega$  maximum change.(per Power Blade ); initial  $10\text{m}\Omega$  max., finished  $20\text{m}\Omega$  max.(per Signal Pin ).
  - Dielectric Withstanding Voltage:
    - 2000v DC rms/Power Blade; 500v DC rms/Signal Pin.
  - Insulation Resistance: 5000 M $\Omega$  min/power blade;
- Mechanical Performance:
  - Insertion force: 39.2N (4.0kgf)/Per Pair, max.
  - Withdrawal force: 4.9N~34.3N (0.5~3.5kgf)/Per Pair.
  - Durability life: 5,000 cycles.
- IR Reflow:
 

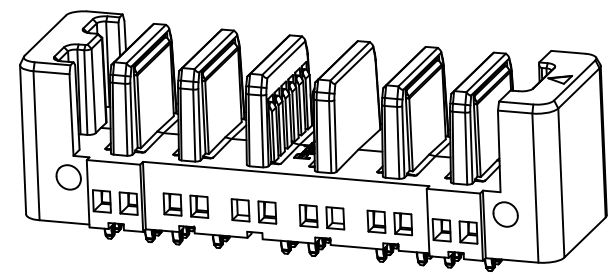
The peak temperature on board shall be maintained for 10 seconds at  $260\pm 5^\circ\text{C}$ .
- Operating Temperature Range:  $-40\sim 125^\circ\text{C}$ (without loss function).
- All parts RoHS and Reach compliant.



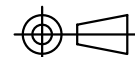
Section A-A

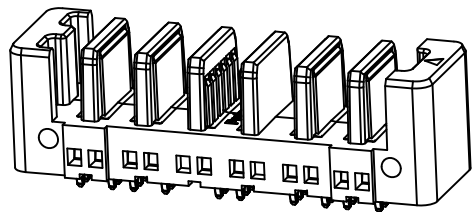


Mating View

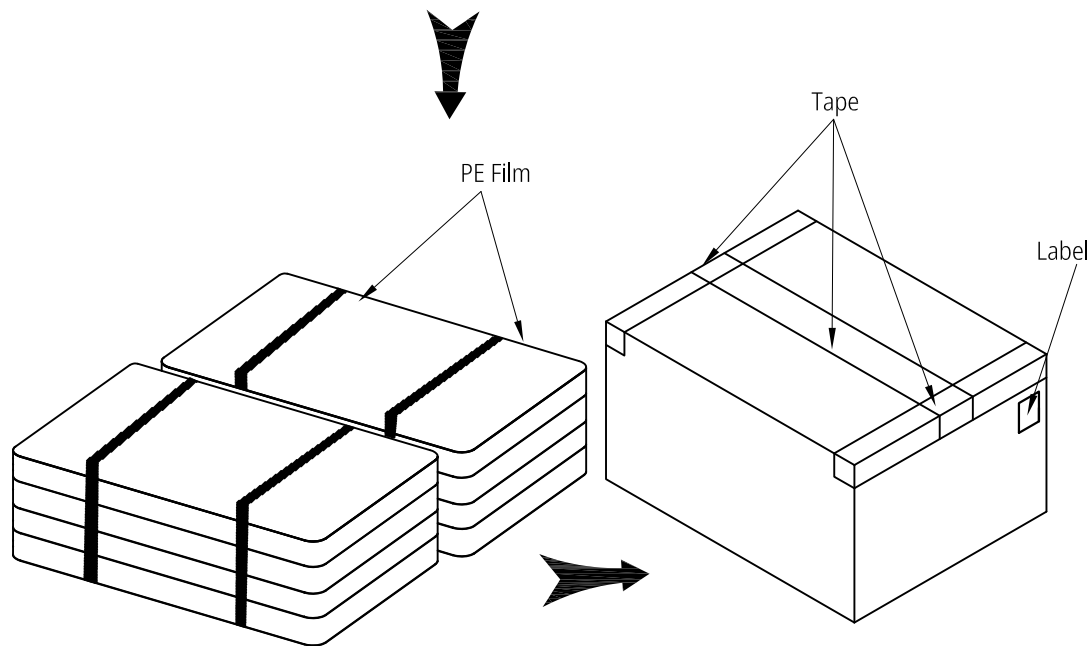
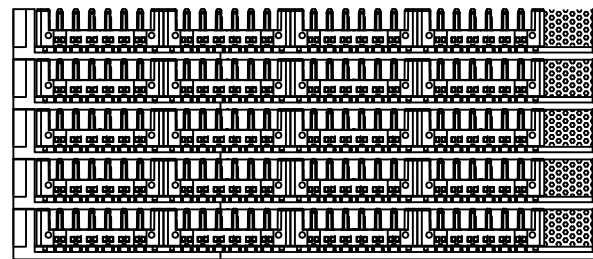
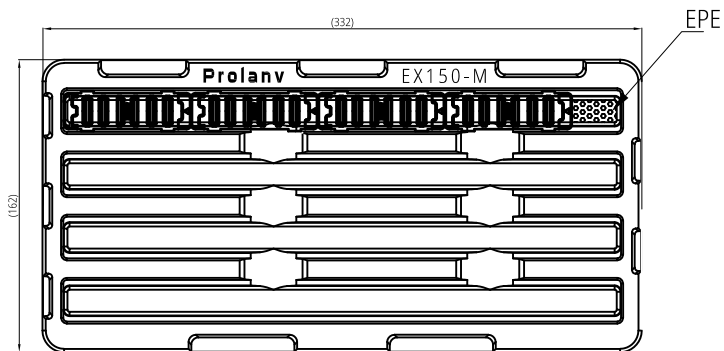


3D View

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	X $\pm$ 0.30	X $^\circ$ $\pm$ 3 $^\circ$			APPROVED BY Mike	TITLE EX150 Series Hi-Current Power Male. H20.5mm, 4PW+12S Vertical Type				
	XX $\pm$ 0.20	.X $^\circ$ $\pm$ 2 $^\circ$	CHECKED BY Harry	DWG NO. PDC33-30						
	XXX $\pm$ 0.10	.XX $^\circ$ $\pm$ 1 $^\circ$		DRAWN BY Poplar						
	SIZE A4	UNITS mm[only]								
					 <table border="1"> <tr> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>1 / 2</td> <td>1:1</td> <td>A2</td> </tr> </table>	SHEET	SCALE	REV	1 / 2	1:1
SHEET	SCALE	REV								
1 / 2	1:1	A2								



16 Pcs/Tray



Notes:

1. Q'ty: 16 Pcs/Tray, 2x5 Layers=160 Pcs/Carton.
2. Tray Pallet size: 332\*162mm.
3. Carton size: 350\*350\*155mm.

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	X± 0.30	X°± 3°	PDC3330F0001					
	XX± 0.20	XX°± 2°	APPROVED BY	Mike	TITLE	EX150 Series Hi-Current Power Male. H20.5mm, 4PW+12S, Packaging		
	XXX± 0.05	XXX°± 1°	CHECKED BY	Harry	DWG NO.	P-PDC33-30		
	SIZE	UNITS	DRAWN BY	Poplar		SHEET	SCALE	REV
	A4	mm[only]				2 / 2	N/A	A1