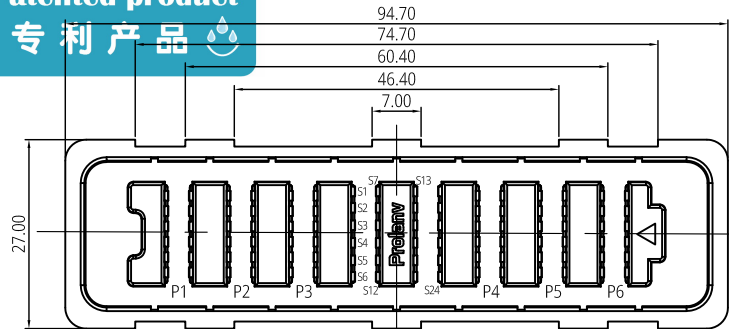
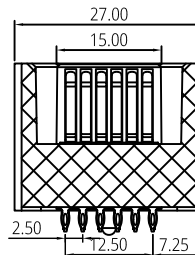
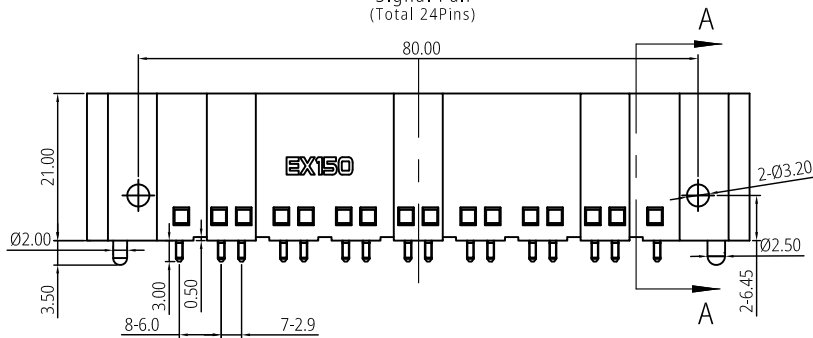


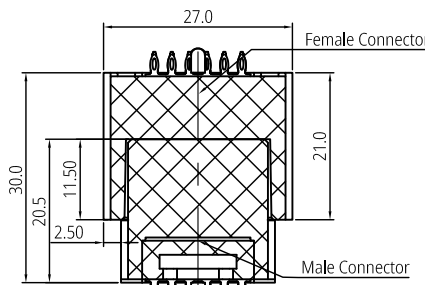
**P**atented product  
 专利产品



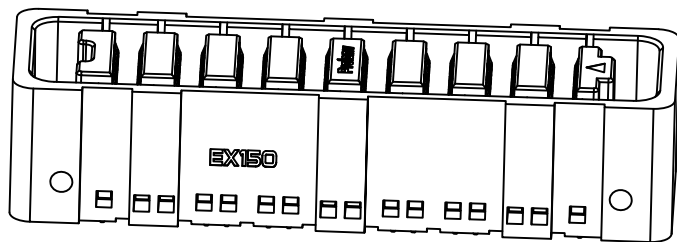
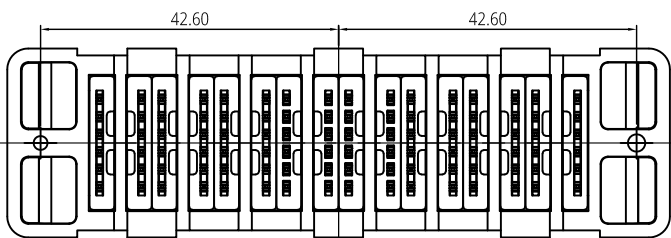
Signal Pair  
(Total 24 Pins)



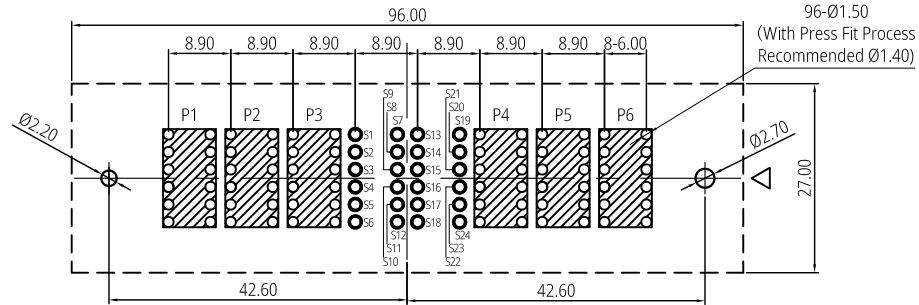
Section A-A



Mating View



3D View



Recommended P.C.B layout (Top View)

Tolerance  $\pm 0.05$

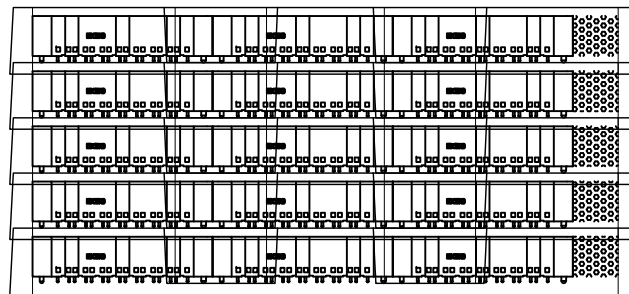
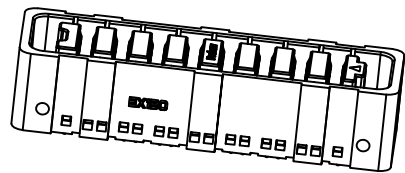
Notes:

- 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 $\mu$ " min. on Tails, and 50 $\mu$ " 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 0.5m $\Omega$  max., finished 1.0m $\Omega$  maximum change.(per Power Blade ), initial 10m $\Omega$  max., finished 20m $\Omega$  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:
 

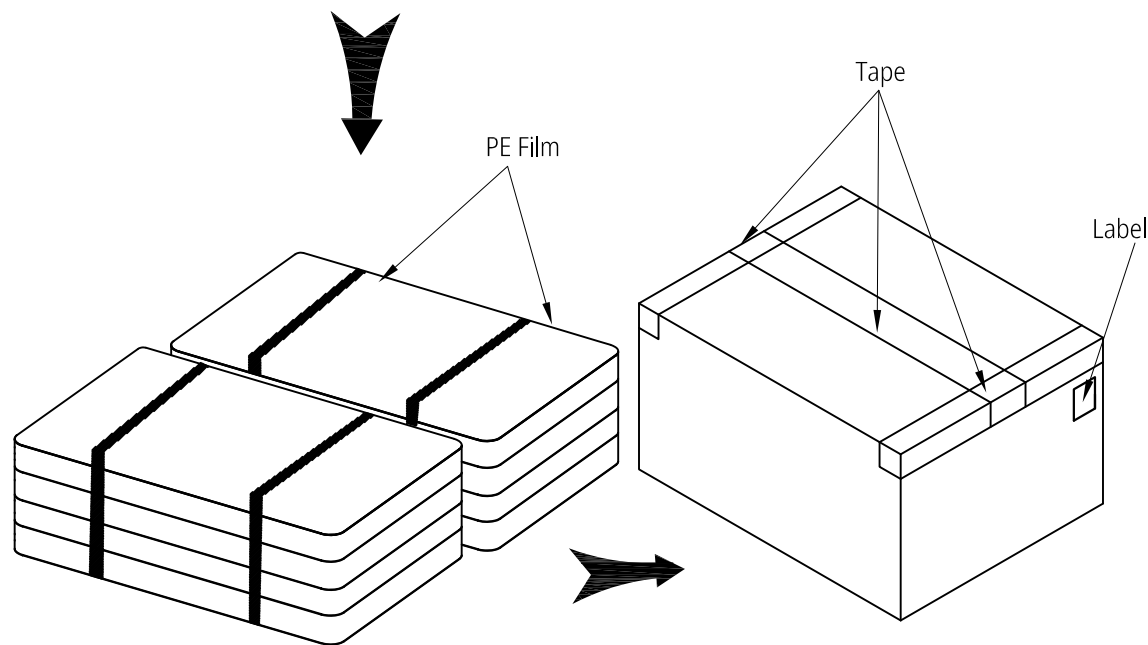
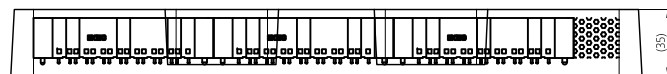
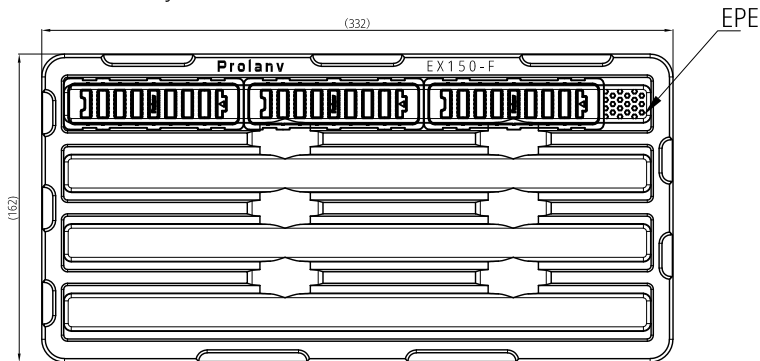
The peak temperature on board shall be maintained for 10 seconds at 260 $\pm 5^{\circ}$ C.
- Operating Temperature Range: -40~125 $^{\circ}$ C(without loss function).
- All parts RoHS and Reach compliant.

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC3810F0001	<b>Prolanv</b> <sup>®</sup>							
X $\pm$ 0.30	X $^{\circ}$ $\pm$ 3 $^{\circ}$									
XX $\pm$ 0.20	.X $^{\circ}$ $\pm$ 2 $^{\circ}$	APPROVED BY Mike	TITLE EX150 Series Hi-Current Power Female. H21.0mm, 6PW+24S Straight Type							
XXX $\pm$ 0.10	.XX $^{\circ}$ $\pm$ 1 $^{\circ}$	CHECKED BY Harry	DWG NO. PDC38-10							
SIZE A4	UNITS mm[only]	DRAWN BY Poplar	<table border="1"> <tr> <td rowspan="2"></td> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>1 / 2</td> <td>1:1</td> <td>A3</td> </tr> </table>		SHEET	SCALE	REV	1 / 2	1:1	A3
	SHEET	SCALE	REV							
	1 / 2	1:1	A3							



12 Pcs/Tray



Notes:

1. Q'ty: 12 Pcs/Tray, 2x5 Layers=120 Pcs/Carton.
2. Tray Pallet size: 332\*162mm.
3. Carton size: 350\*350\*155mm.

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	X± 0.30	X°± 3°	PDC3810F0001			
	XX± 0.20	X°± 2°	APPROVED BY	TITLE EX150 Series Hi-Current Power Female. H21.0mm, 6PW+24S Packaging		
	XXX± 0.05	XX°± 1°	Mike	DWG NO. P-PDC38-10		
	CUSTOMER DRAWING		CHECKED BY	Harry		
SIZE	UNITS	DRAWN BY	DRAWN BY			
A4	mm[only]	Poplar	DRAWN BY			
				SHEET	SCALE	REV
				2 / 2	N/A	A1