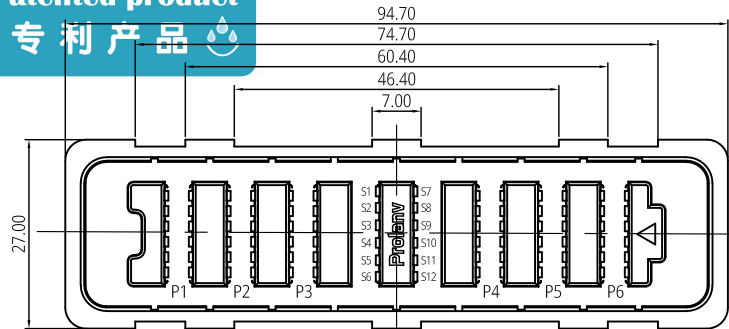
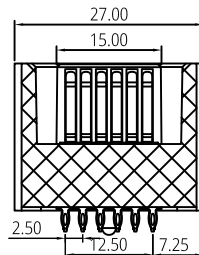
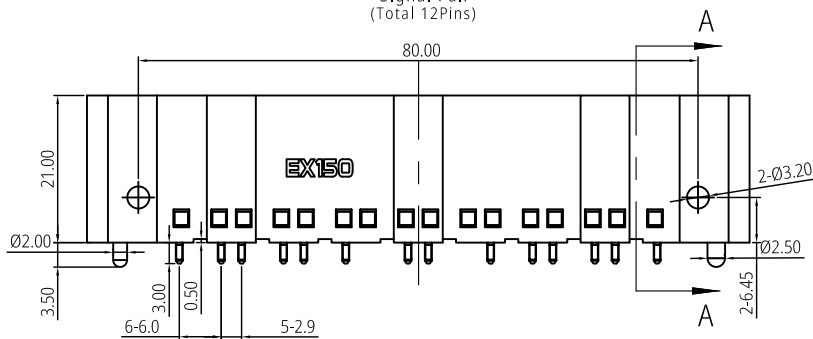


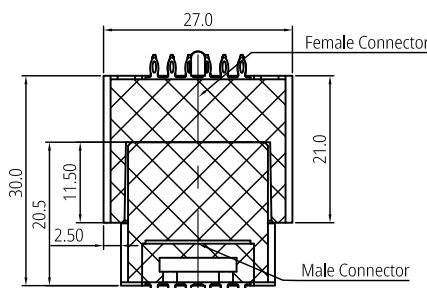
Patented product
 专利产品



Signal Pair
 (Total 12Pins)

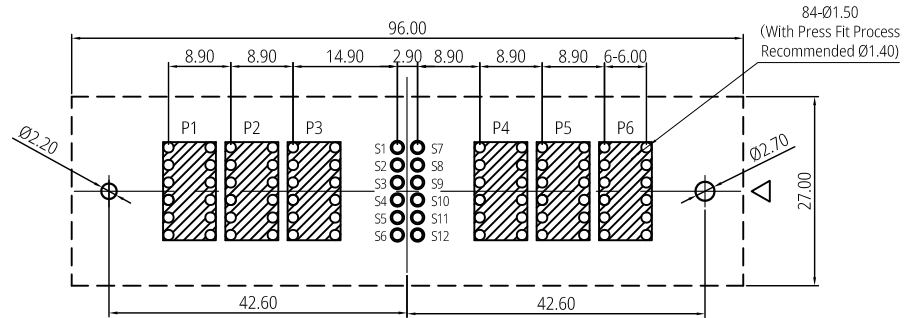


Section A-A



Mating View

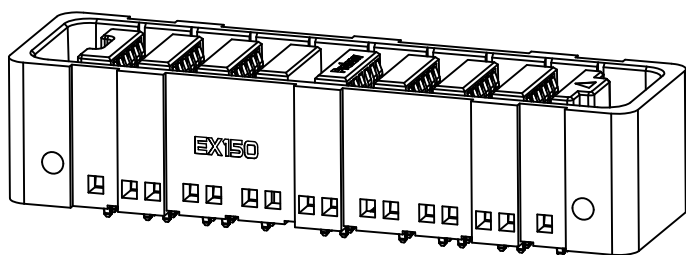
Recommended P.C.B layout (Top View)
 Tolerance ±0.05



Notes:

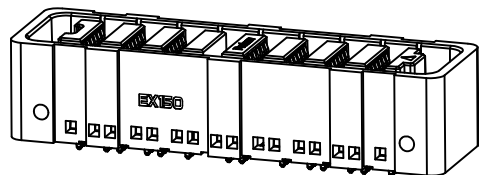
- Material Specification
 - Housing: High Temperature Thermoplastic, UL94 V-0, Black.
 - Contact: High Conductivity Copper Alloy.
- Plating Specification:
 - Contact: Gold plating on Contact area, matte Tin 80µ" min. on Tails, and 50µ" min, Nickel overall.
- Electrical performance
 - Voltage Rating: 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 0.5mΩ max., finished 1.0mΩ maximum change.(per Power Blade), initial 10mΩ max., finished 20mΩ max.(per Signal Pin).
 - Dielectric Withstanding Voltage: 2000v DC rms/Power Blade, 500v DC rms/Signal Pin.
 - Insulation Resistance: 5000 MΩ min/Power Blade.
- Mechanical Performance:
 - Insertion force: 39.2N (4.0kgf)/Per Pair, max.
 - Withdrawal force: 4.9N-34.3N (0.50-3.5kgf)/Per Pair.
 - Durability life: 5,000 cycles.
- IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
- Operating Temperature Range: -40~125°C(without loss function).
- All parts RoHS and Reach compliant.

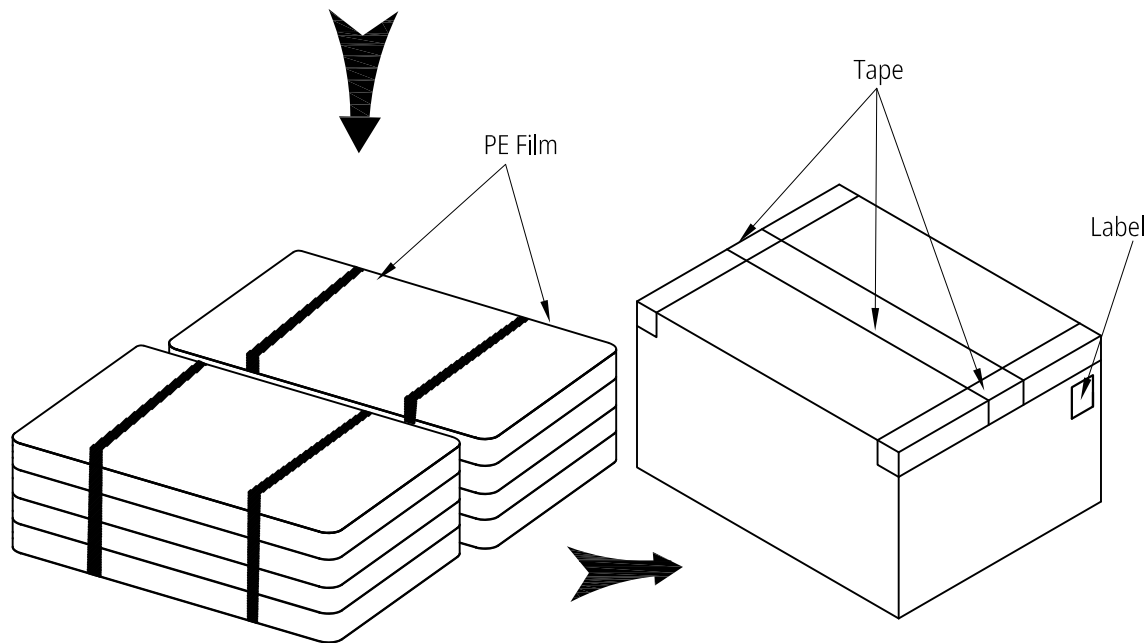
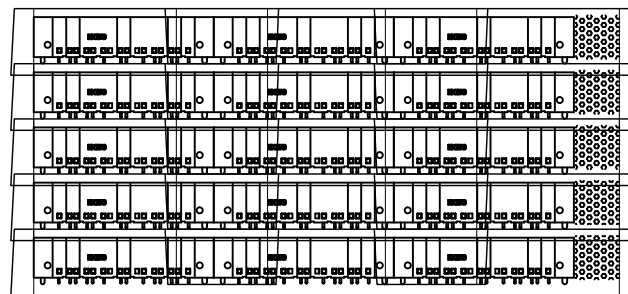
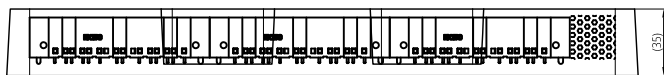
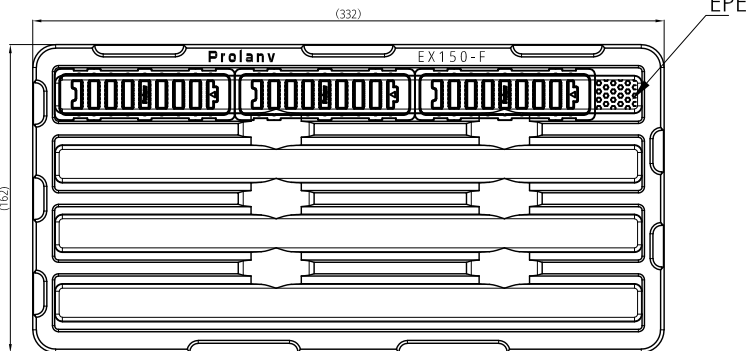


3D View

THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC3810F0002	Prolanv [®]							
	X± 0.30	X.°± 3°			APPROVED BY Mike	TITLE EX150 Series Hi-Current Power Female. H21.0mm, 6PW+12S Straight Type					
	XX± 0.20	.X.°± 2°	CHECKED BY Harry	DWG NO. PDC38-20							
	XXX± 0.10	.XX.°± 1°	DRAWN BY Poplar	<table border="1"> <tr> <td rowspan="2" style="text-align: center;"></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								
SIZE A4	UNITS mm[only]										



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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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv [®]		
X ± 0.30	X° ± 3°	PDC3810F0002			
XX ± 0.20	XX° ± 2°	APPROVED BY	TITLE EX150 Series Hi-Current Power Female. H21.0mm, 6PW+12S Packaging		
XXX ± 0.05	XXX° ± 1°	Mike	DWG NO. P-PDC38-20		
CUSTOMER DRAWING		CHECKED BY	REV		
		Harry	2 / 2		
SIZE	UNITS	DRAWN BY	SCALE		
A4	mm[only]	Poplar	N/A		
			A1		

