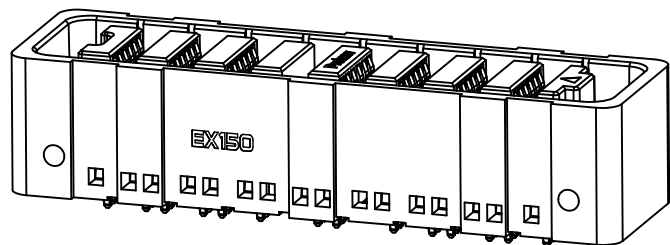
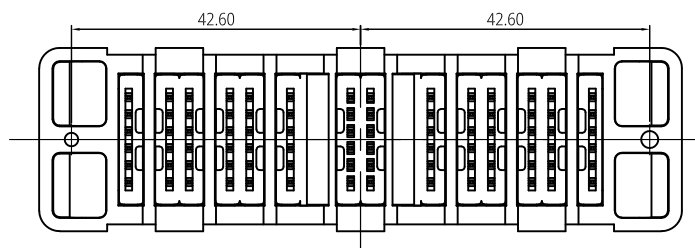
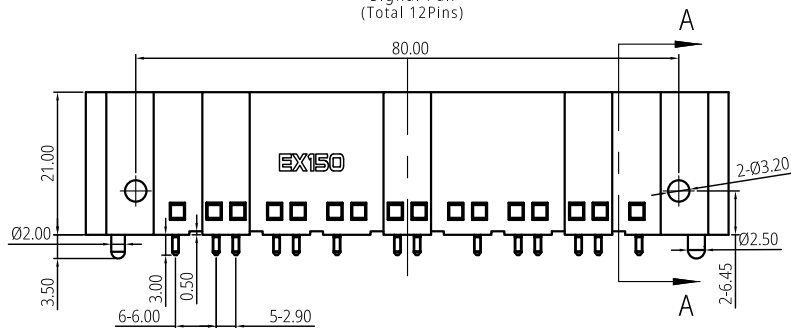
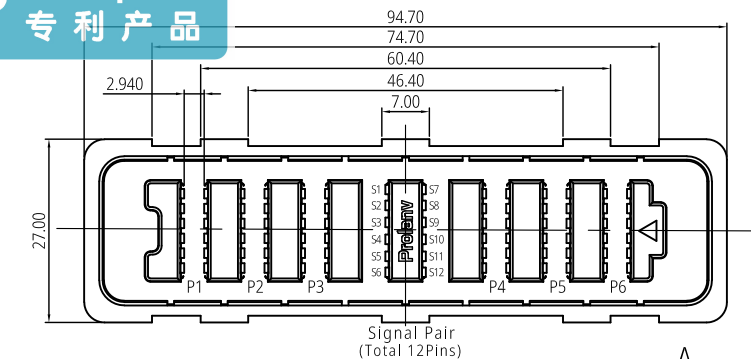
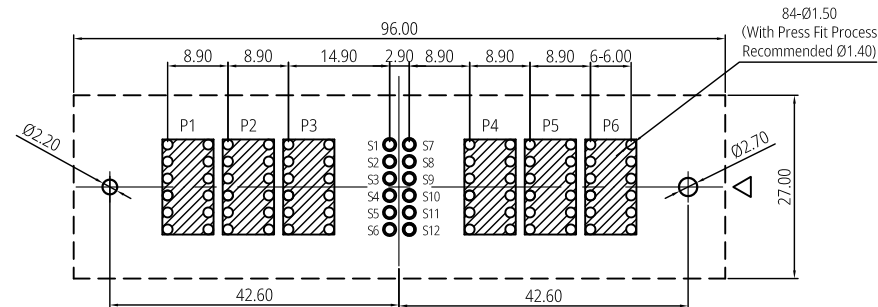


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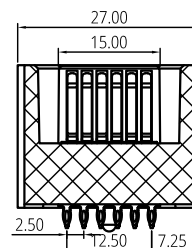


3D View

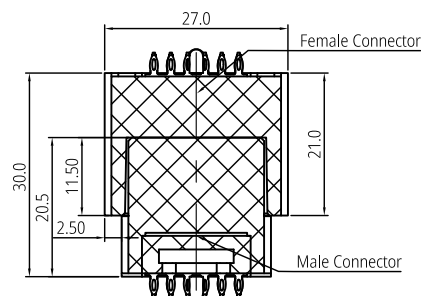


Recommended P.C.B layout (Top View)

Tolerance ± 0.05



Section A-A



Mating View

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: Au30µ" plating on Contact area, matte Tin 80µ" min. on Tails, and 50µ" min. Nickel overall.

3. Electrical performance

- 3-1. Voltage Rating: 600v DC/250v AC/Power Blade, 120v AC/DC/Signal Pin.
- 3-2. Current Rating: 150A Max./per Power Blade, 7.5A max./per Signal Pin.
- 3-3. LLCR: initial 0.5mΩ max., finished 1.0mΩ max.(per Power Blade), initial 10mΩ max., finished 20mΩ max.(per Signal Pin).

3-4. Dielectric Withstanding Voltage:

- 2000v DC rms/Power Blade, 500v DC rms/Signal Pin.

3-5. Insulation Resistance: 5000 MΩ min/Power Blade.

4. Mechanical Performance:

- 4-1. Insertion force: 39.2N (4.0kgf)/Per Pair, max.
- 4-2. Withdrawal force: 4.9N~34.3N (0.50~3.5kgf)/Per Pair.
- 4-3. Durability life: 5,000 cycles.

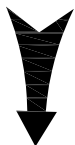
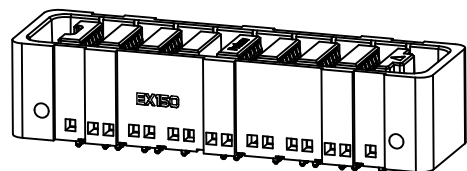
5. IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at 260 $\pm$ 5 $^{\circ}$ C.

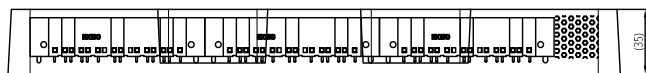
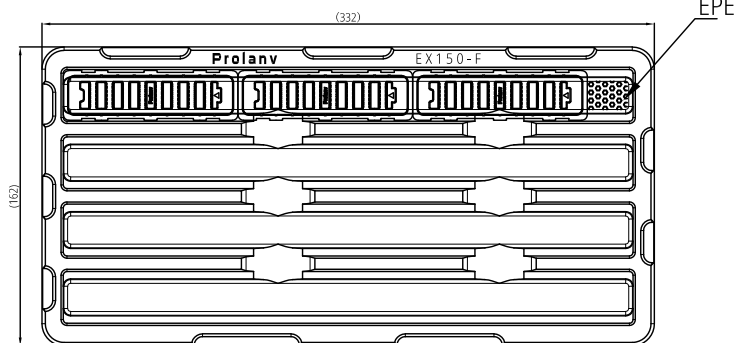
6. Operating Temperature Range: -40~125 $^{\circ}$ C(without loss function).

7. All parts RoHS and Reach compliant.

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		X $\pm$ 0.30	X $^{\circ}$ ± 3 $^{\circ}$	APPROVED BY Mike		TITLE EX150 Series Hi-Current Power Female. H21.0mm, 6PW+12S Vertical Type		
		.XX $\pm$ 0.20	.X $^{\circ}$ ± 2 $^{\circ}$	CHECKED BY Harry		DWG NO. PDC38-20		
		.XXX $\pm$ 0.05	.XX $^{\circ}$ ± 1 $^{\circ}$	DRAWN BY Poplar		SHEET 1 / 2		
		SIZE A4	UNITS mm[only]			SCALE 1:1		
						REV A1		

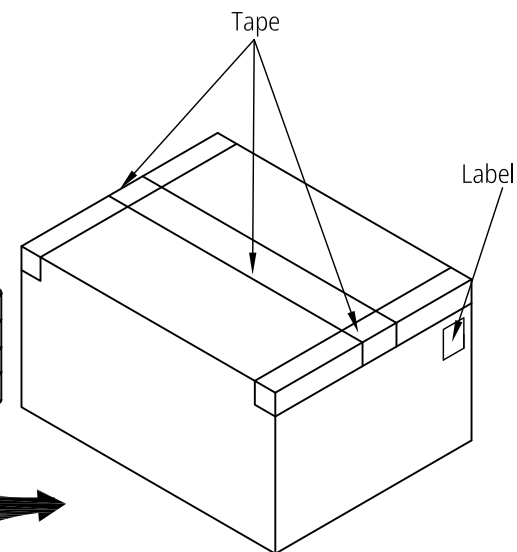
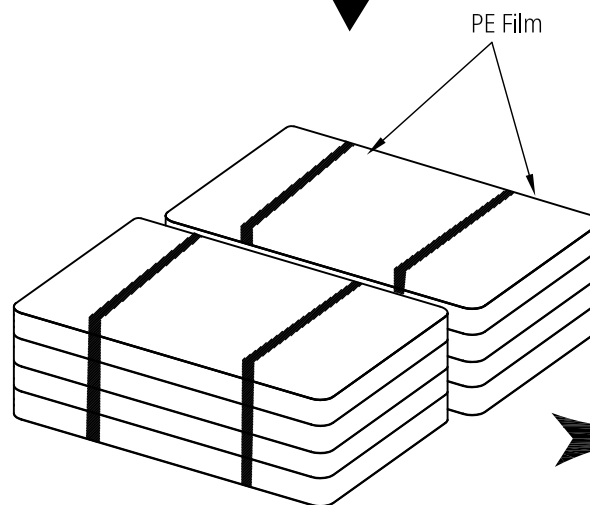
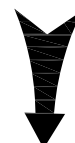
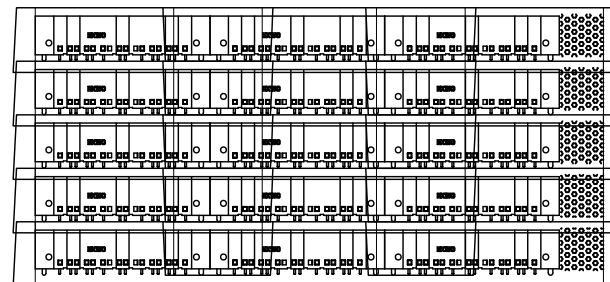


12Pcs/Tray



Notes:

1. Q'ty: 12Pcs/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°	PDC3810F0002					
	XX ± 0.20	X° ± 2°	APPROVED BY	TITLE				
	XXX ± 0.05	XX° ± 1°	Mike	EX150 Series Hi-Current Power Female. H21.0mm, 6PW+12S Packaging				
	CUSTOMER DRAWING		CHECKED BY	DWG NO.				
			Harry	P-PDC38-20				
SIZE		UNITS	DRAWN BY			SHEET	SCALE	REV
A4 mm[only]		Poplar	2 / 2			N/A	A1	