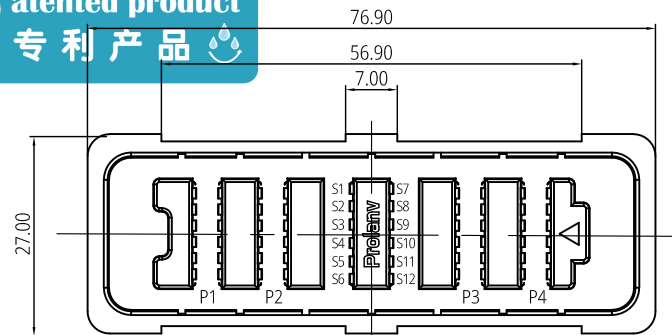
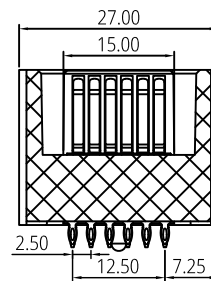
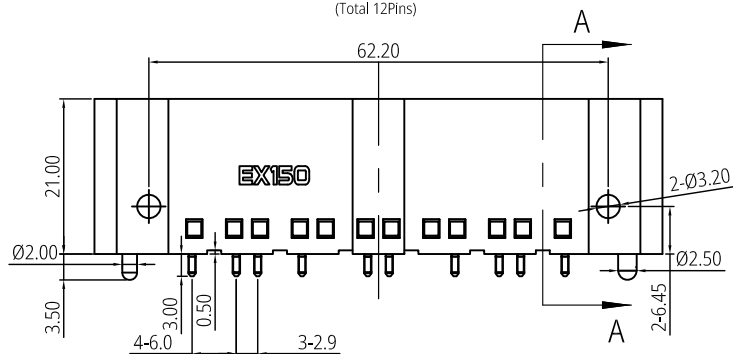


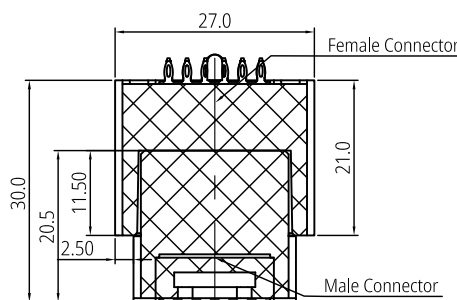
Patented product
 专利产品



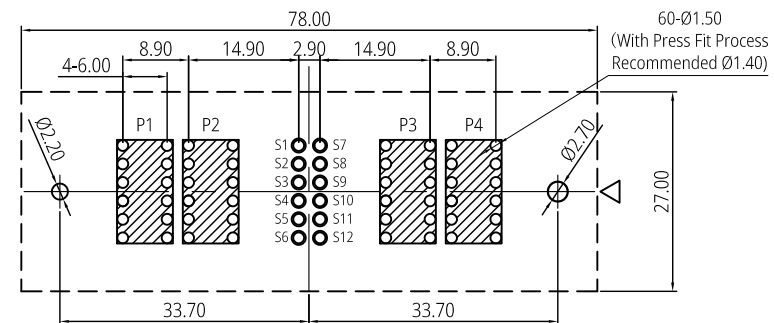
Signal Pair
 (Total 12Pins)



Section A-A



Mating View



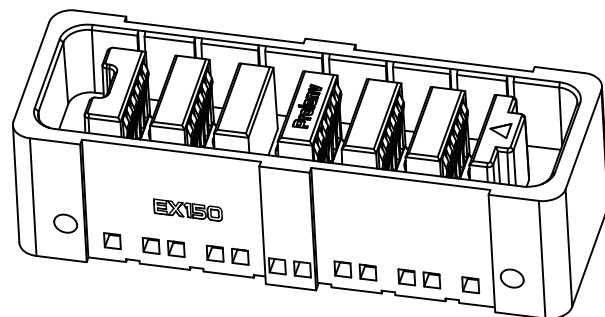
Recommended P.C.B layout (Top View)

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 $80\mu\text{m}$ 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 Ω min/power blade.
- Mechanical Performance:
 - Insertion force: 39.2N (4.0kgf)/Per Pair,max.
 - Withdrawal force: 4.9N~34.3N (0.5~3.5 kgf)/Per Pair.
 - Durability life: 5,000 cycles.
- IR Reflow:

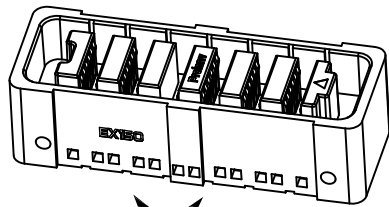
The peak temperature on board shall be maintained for 10 seconds at $260\pm 5^\circ\text{C}$.
- Operating Temperature Range: $-40\sim 125^\circ\text{C}$ (without loss function).
- All parts RoHS and Reach compliant.



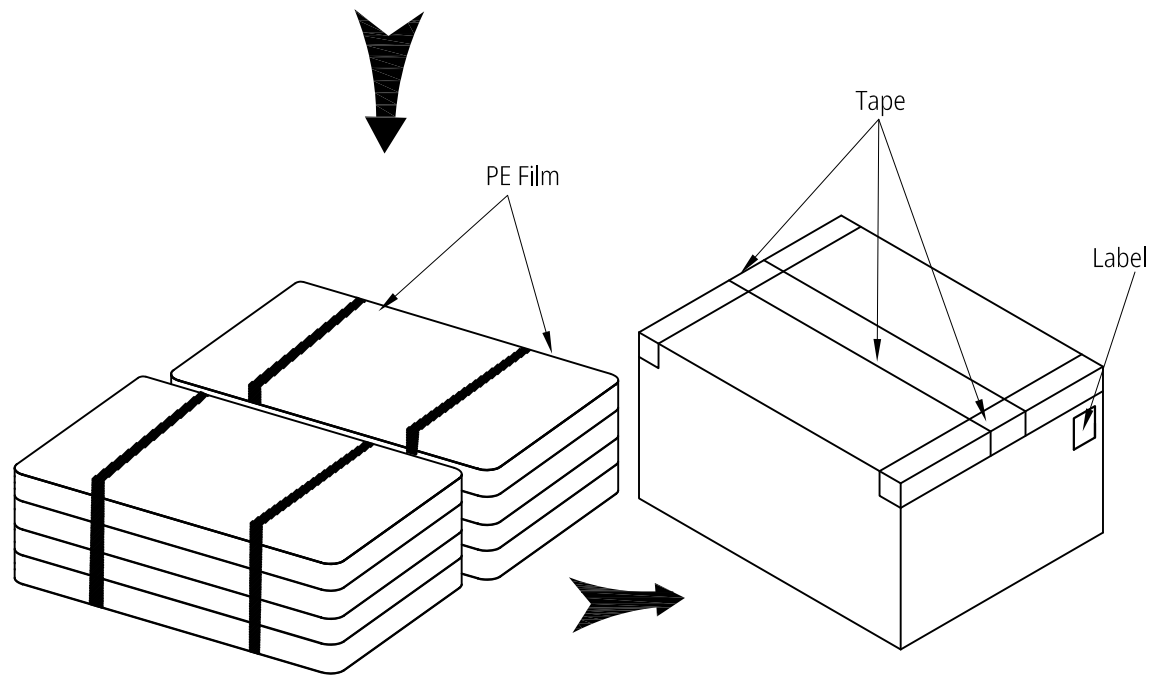
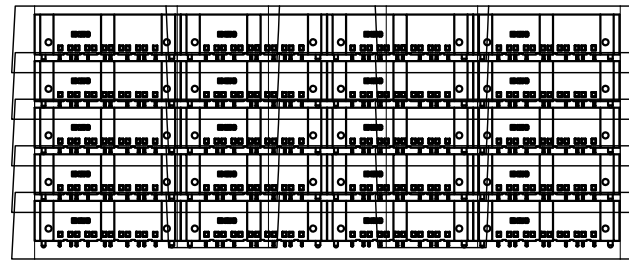
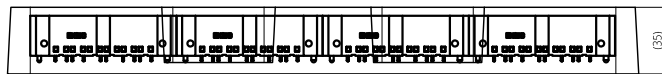
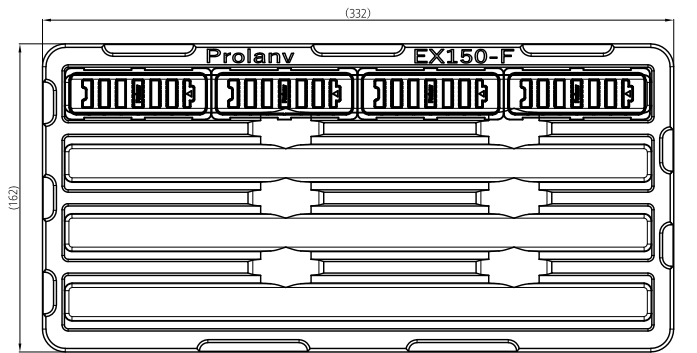
3D View

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv [®]		
X \pm 0.30	X. $^\circ$ \pm 3 $^\circ$	PDC3410F0002			
XX \pm 0.20	.X. $^\circ$ \pm 2 $^\circ$	APPROVED BY	TITLE EX150 Series Hi-Current Power Female. H21.0mm, 4PW+12S Straight Type		
XXX \pm 0.10	.XX $^\circ$ \pm 1 $^\circ$	Mike	DWG NO. PDC34-20		
CUSTOMER DRAWING		CHECKED BY	REV		
		Harry	1 / 2		
SIZE	UNITS	DRAWN BY	SCALE		
A4	mm[only]	Poplar	1:1		
			A3		



16Pcs/Tray



Notes:

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

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GENERAL TOLERANCES UNLESS SPECIFIED	
X± 0.30	X°± 3°
XX± 0.20	XX°± 2°
XXX± 0.05	XXX°± 1°
CUSTOMER DRAWING	
SIZE	UNITS
A4	mm[only]

PART NO.	PDC3410F0002
APPROVED BY	Mike
CHECKED BY	Harry
DRAWN BY	Poplar

Prolanv®		
TITLE EX150 Series Hi-Current Power Female. H21.0mm, 4PW+12S Packaging		
DWG NO. PDC34-20		
	SHEET	SCALE
	2 / 2	N/A
	REV	A1