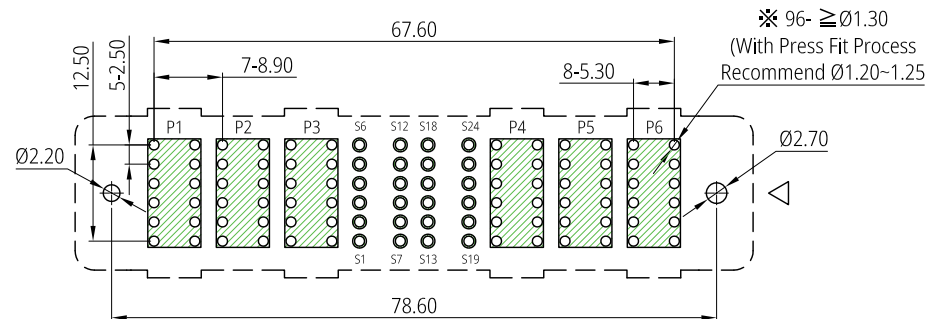
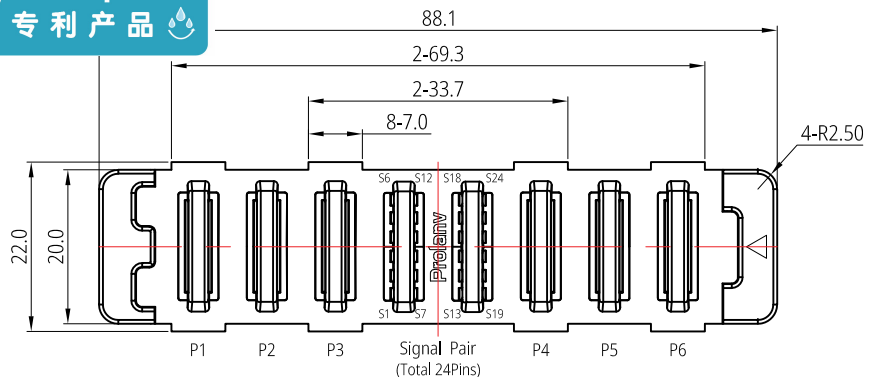
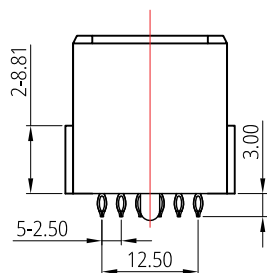
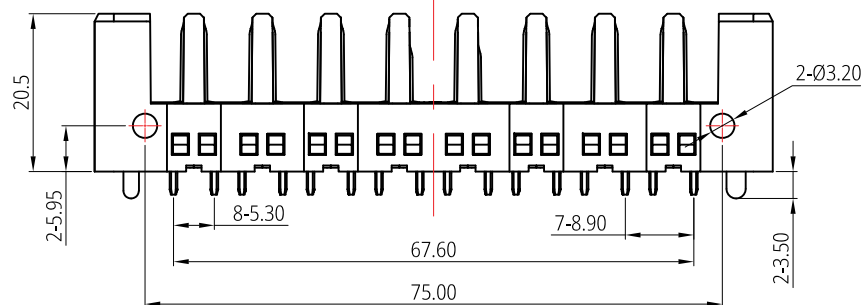


Patented product
专利产品

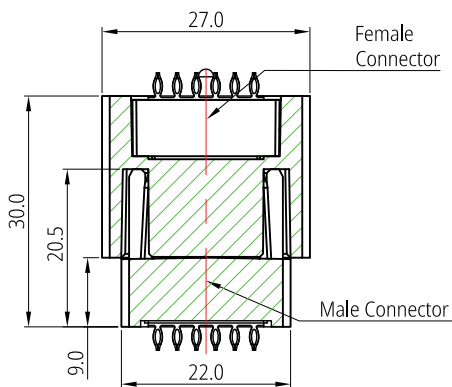


Recommended P.C.B layout (Top View)

Tolerance ± 0.05



Female Connector



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: Gold plating on Contact area, matte Tin 80 μ " min. on Tails, and 50 μ " 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 0.5m Ω max., finished 1.0m Ω maximum change.(per Power Blade), initial 10m Ω max., finished 20m Ω max.(per Signal Pin).

3-4. Dielectric Withstanding Voltage:

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

3-5. Insulation Resistance: 5000 M Ω min/power blade.

4. Mechanical Performance:

4-1. Insertion force: 24.5N (2.5kgf) max./Per Pair.

4-2. Withdrawal force: 4.9N (0.5kgf) min./Per Pair.

4-3. Durability life: 5,000 cycles max.

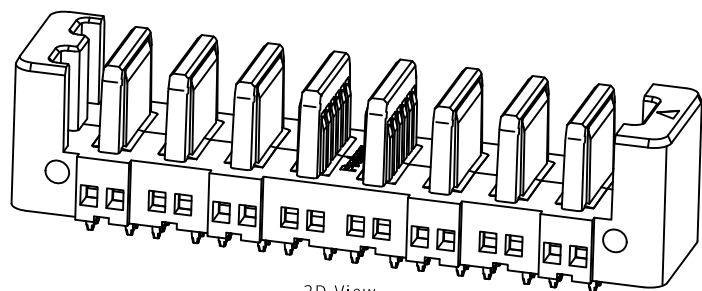
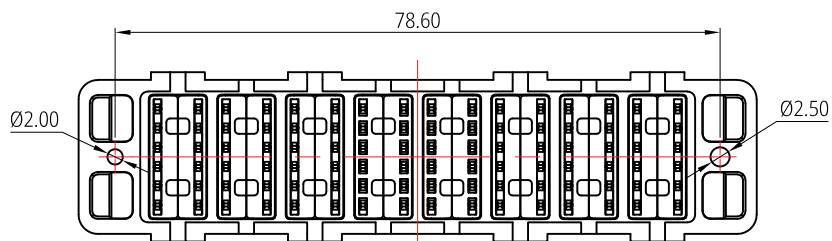
5. IR Reflow:

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.

7. All parts RoHS and Reach compliant.

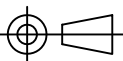
8. $\times$ See SPS-PDC-08 for Terminal details.

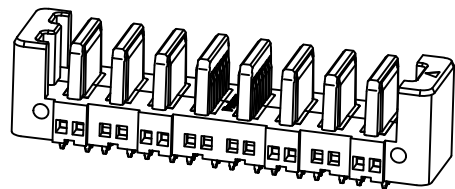


3D View

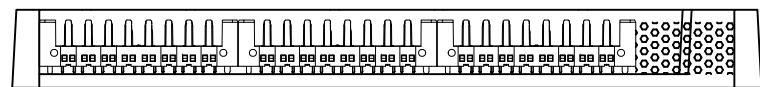
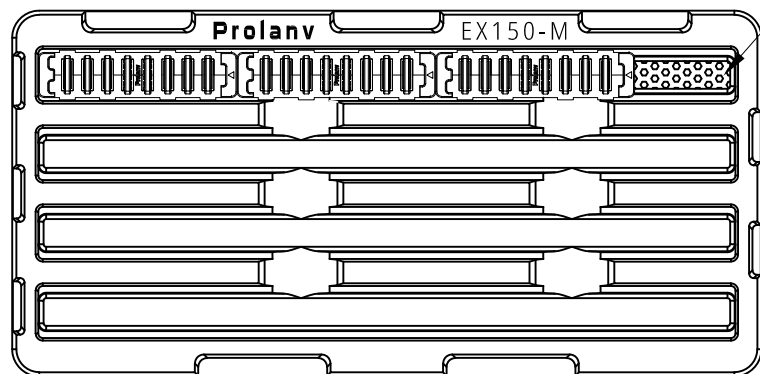
Optimized version | Modular waterproof
升级版. 模组化防水结构

THIS DRAWING AND SPECIFICATION ARE THE
PROPERTY OF Prolanv AND SHALL NOT BE COPIED
OR USED WITHOUT Prolanv PERMISSION

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		Prolanv®			
X±	0.30	X.°±	3°				PDC3720F0001
XX±	0.20	XX.°±	2°	APPROVED BY	TITLE EX150 blade Power Male 6PW+24S, Straight Type		
XXX±	0.05	XXX.°±	1°	Henry			
CUSTOMER DRAWING		CHECKED BY		DWG NO. PDC37-20			
		Poplar					
SIZE	UNITS	DRAWN BY					
A4	mm[only]	Kaylee					
				SHEET	SCALE	REV	
				1 / 2	1:1	A3	

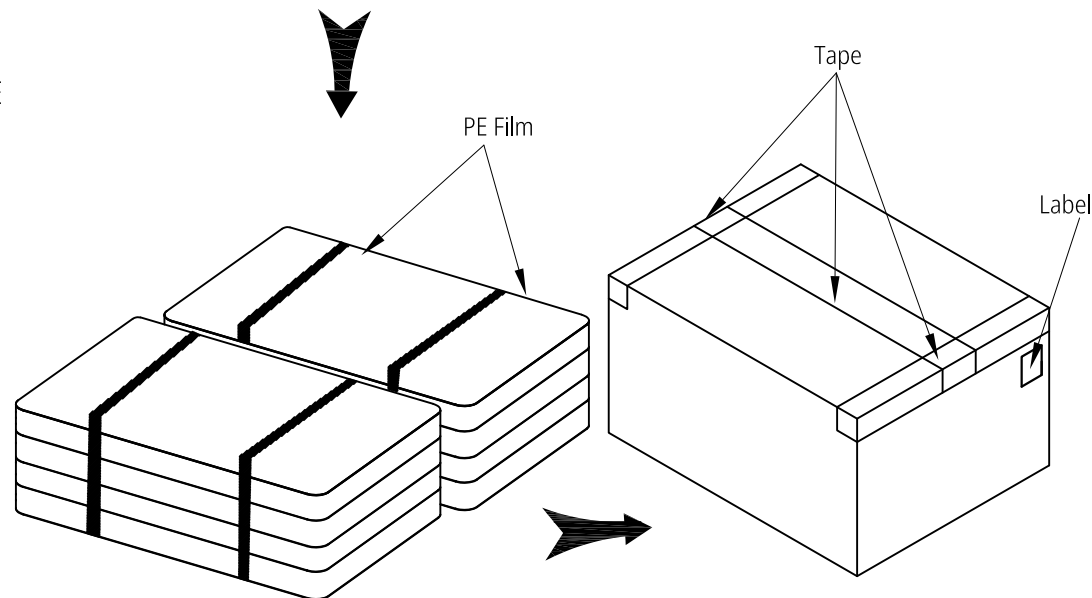
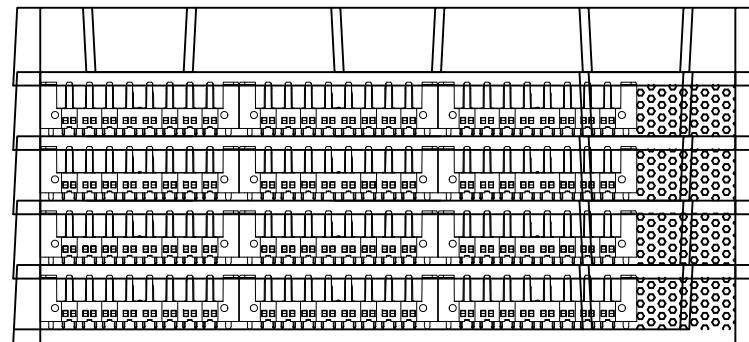


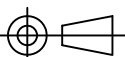
12 Pcs/Tray



Notes:

- Q'ty: 12 Pcs/Tray, 2x4 Layers=96 Pcs/Carton.
- Tray Pallet size: 332*162mm.
- Carton size: 350*350*155mm.



THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC3720F0001		Prolanv®				
	X ± 0.30	X° ± 3°	APPROVED BY Harry		TITLE EX150 blade Power Male 6PW+24S Packaging				
	XX ± 0.20	X° ± 2°							
	XXX ± 0.05	XX° ± 1°							
	CUSTOMER DRAWING		CHECKED BY Poplar		DWG NO. P-PDC37-20				
	SIZE	UNITS	DRAWN BY Kaylee				SHEET	SCALE	REV
	A4	mm[only]					2 / 2	N/A	A2