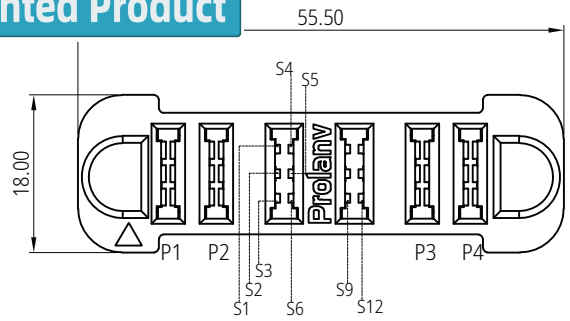
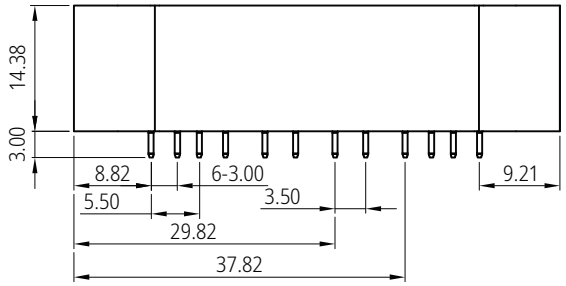
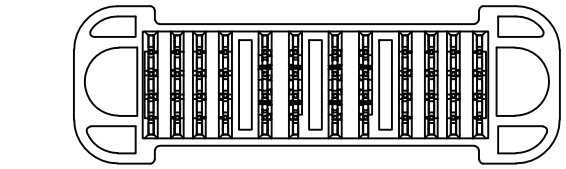
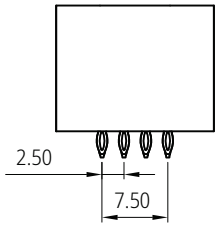
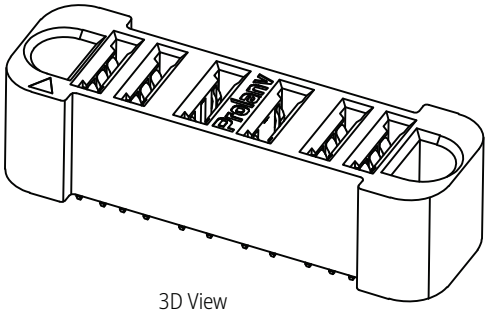
专利产品 2025-version
Patented Product



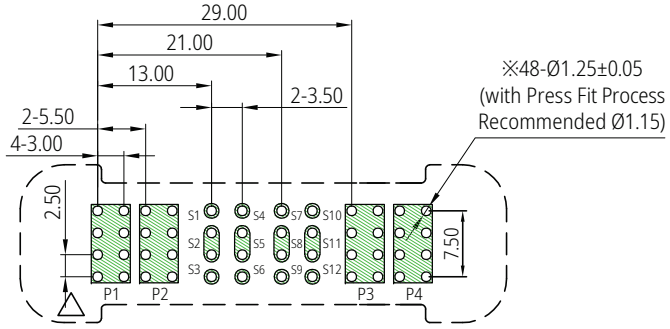








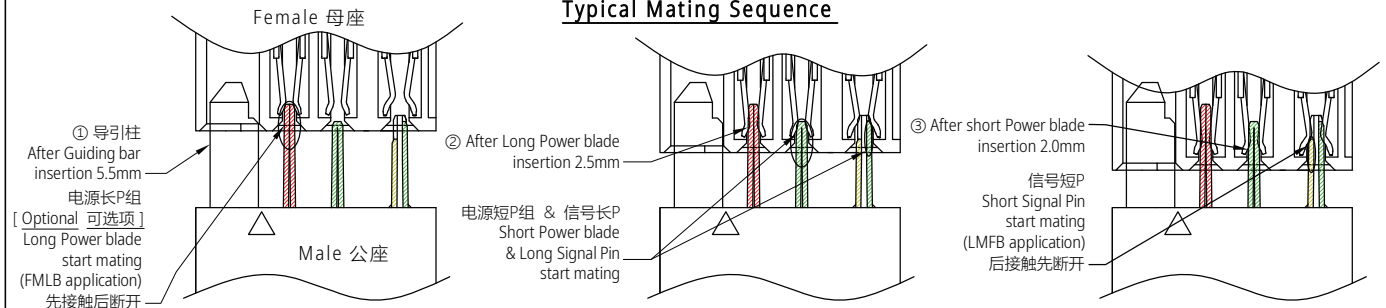
3D View



Recommended P.C.B layout (Top View)

Tolerance ±0.05

Typical Mating Sequence



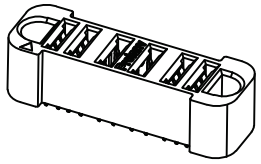
Notes:

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 80μ" min. on Tails, and 80μ" min. Nickel overall;
3. Electrical performance:
   3-1. Voltage Rating: 250v DC/power blade, 120v DC/signal pin;
   3-2. Current Rating: 60A (per pair power blade), 3A (per signal pin).
   3-3. LLCR:
   initial 0.6mΩ max., finished 1.0mΩ maximum change.(per pair power blade);
   initial 10mΩ max., finished 20mΩ maximum change.(per signal pin).
   3-4. Dielectric Withstanding Voltage:
   1500v DC rms/power blade; 500v DC rms/signal pin.
   3-5. Insulation Resistance:
   5000 MΩ min/Power blade; 500 MΩ min/Signal Pin.
4. Mechanical Performance:
   4-1. Insertion Force: 19.6N (2.0kgf) max./Per Pair;
   4-2. Withdrawal Force: 4.5~11N (0.4~1.2kgf)/Per Pair;
   4-3. Durability Life: 10,000 cycles. max.
5. IR Reflow:
   The peak temperature on board shall be maintained for 10 seconds at 260±5°c.
6. Operating Temperature rang: -40~125°C.
7. All parts RoHS and Reach compliant.
8. ※ See SPS-PDC-06 for Terminal details.

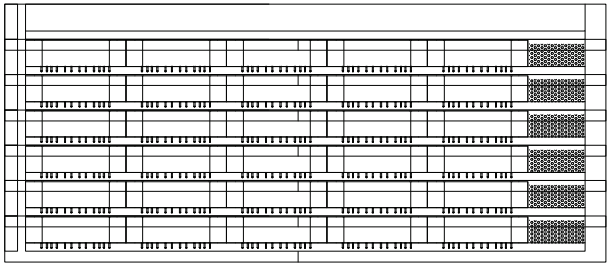
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION

GENERAL TOLERANCES UNLESS SPECIFIED			
.X± 0.30	X.°± 3°	PART NO. PDC0610F0001	Prolanv®
.XX± 0.20	.X°± 2°	APPROVED BY Henry	TITLE EN60A series | Power Female. 4PW+12S, Straight Type
.XXX± 0.10	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. PDC06-01
SIZE A4	UNITS mm[only]	DRAWN BY Tang	SHEET 1 / 2 · SCALE 1:1 · REV A0

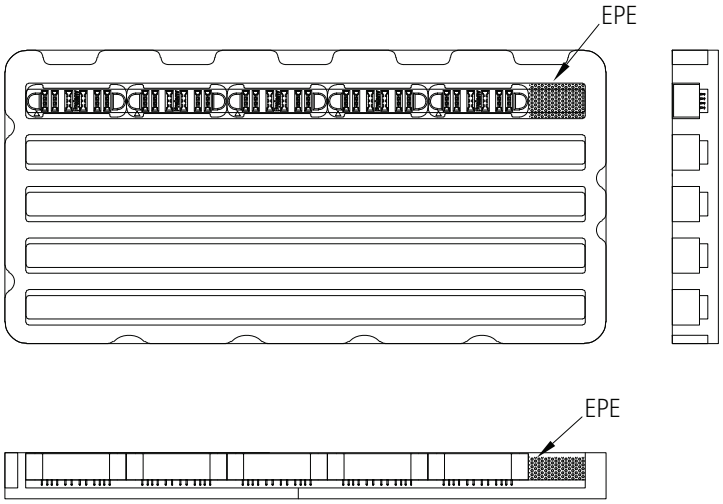
Copyright Shenzhen Prolanv Inc. www.prolanv.com

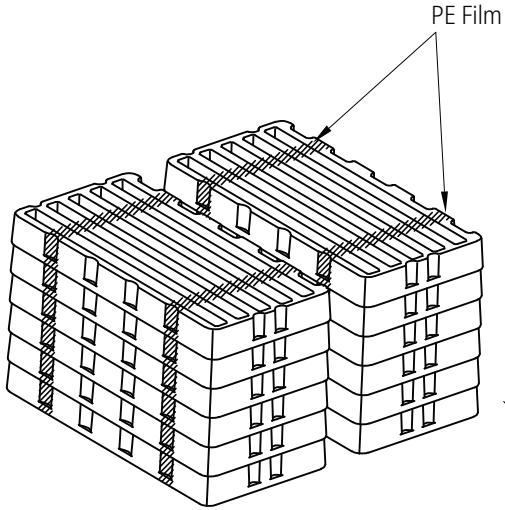


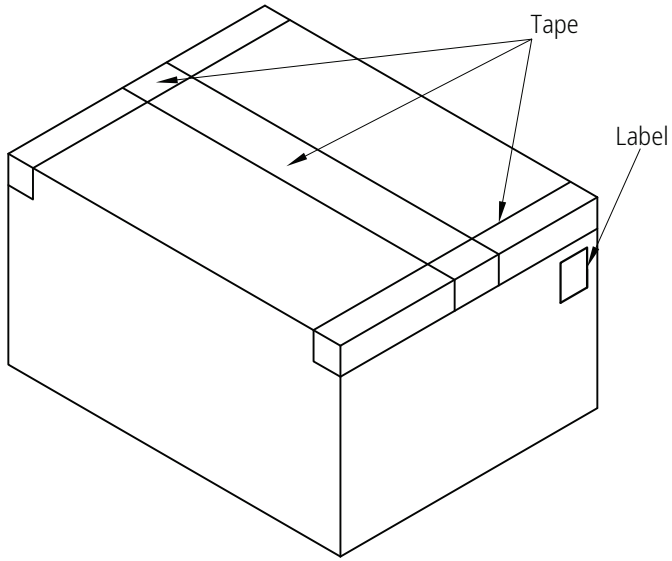
25 Pcs/Tray



Total: 2x5 Layers







Notes:

1. Q'ty: 25 Pcs/Tray, 2x5 Layers=250 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. 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.	Prolanv®
.X± 0.30	X.°± 3°	PDC0610F0001	
.XX± 0.20	.X°± 2°	APPROVED BY Henry	TITLE EN60A series | Power Female. 4PW+12S, Straight Type, Packaging
.XXX± 0.05	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. P-PDC06-01
SIZE	UNITS	DRAWN BY Tang	SHEET 2 / 2 | SCALE N/A | REV A0
A4	mm[only]		

Copyright Shenzhen Prolanv Inc. www.prolanv.com