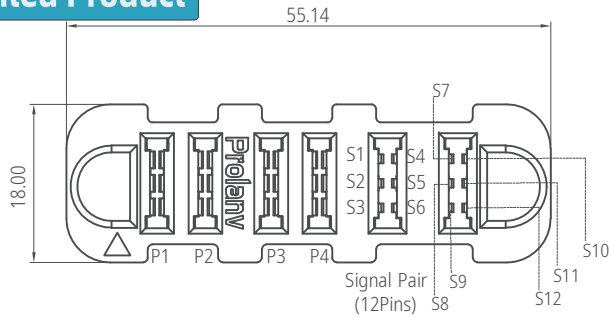
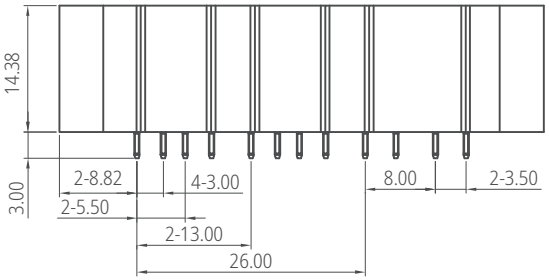
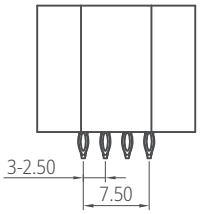
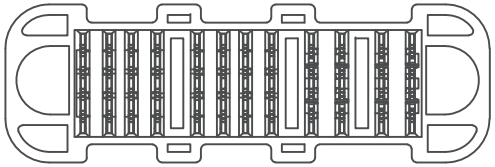
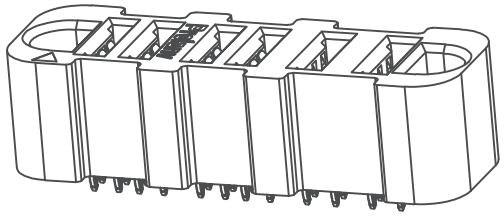
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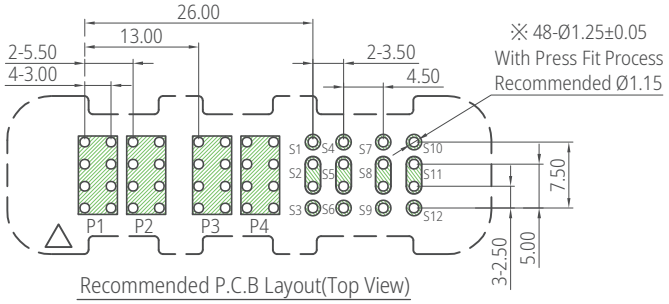








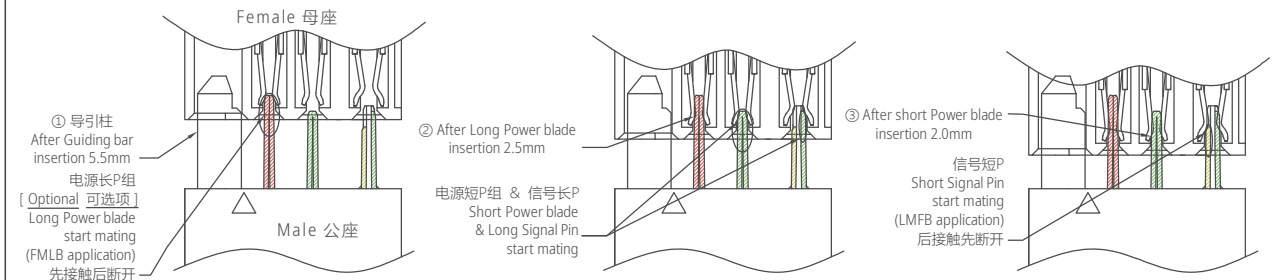
3D View



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.

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

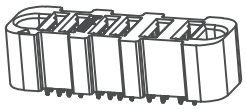
PART NO.	PDC7410F0001
APPROVED BY	Henry
CHECKED BY	Mike
DRAWN BY	Yang

Prolanv®

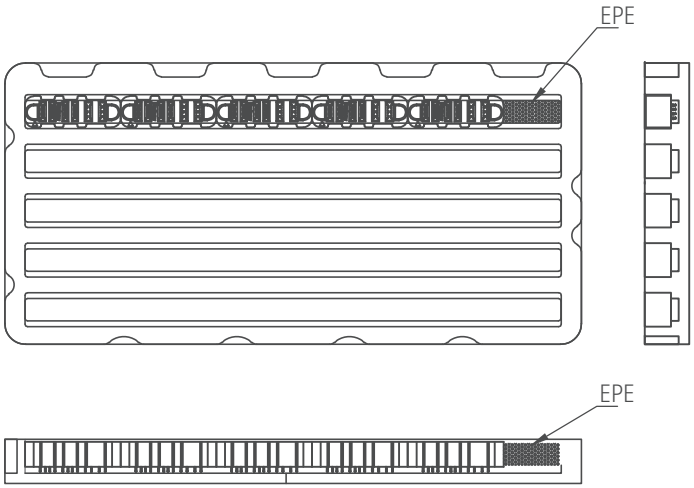
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DWG NO.	PDC74-10

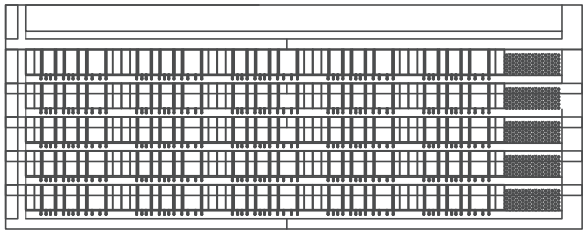
SHEET	SCALE	REV
1 / 2	1:1	A0

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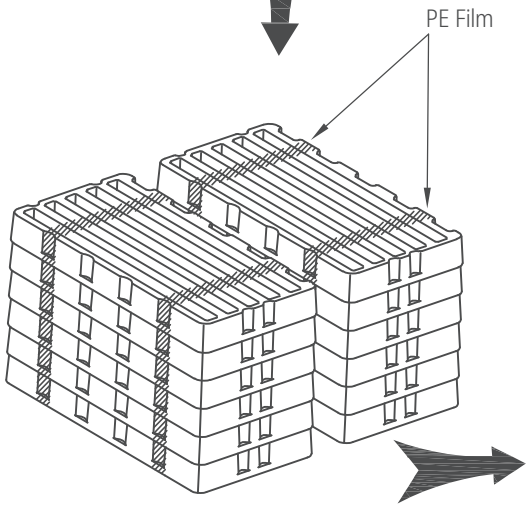


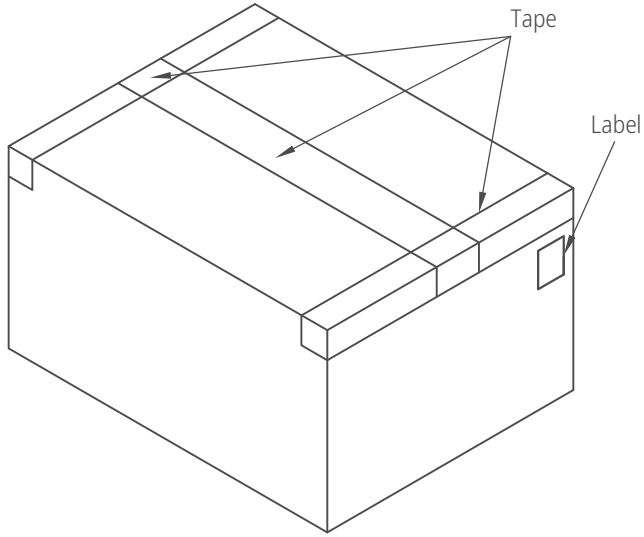
25 Pcs/Tray





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.

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
.X ± 0.30	X.° ± 3°	PDC7410F0001	
.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: Mike	DWG NO.: P-PDC74-10
SIZE: A4	UNITS: mm[only]	DRAWN BY: Yang	SHEET: 2 / 2 · SCALE: NA · REV: A0

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