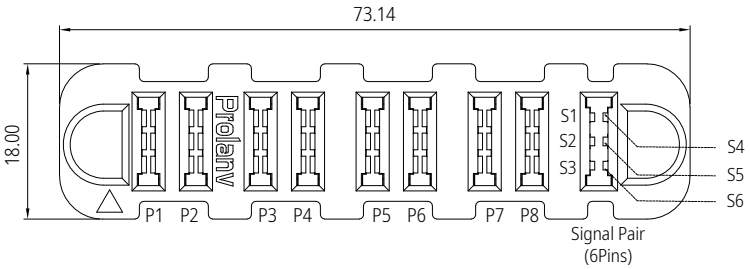
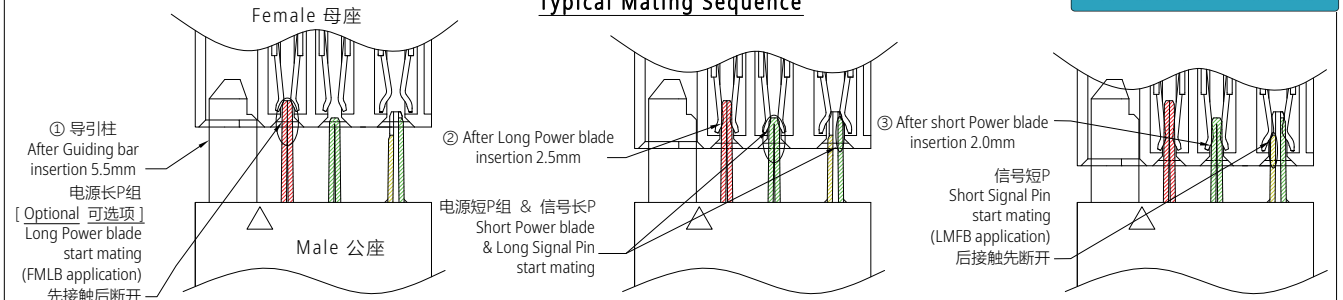
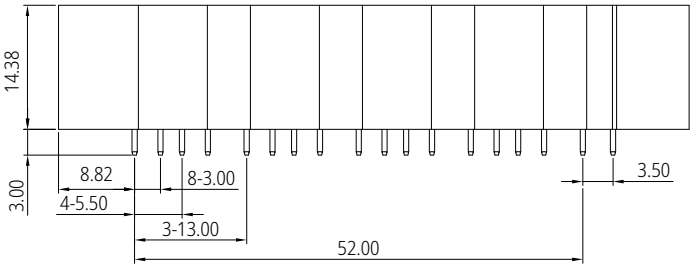
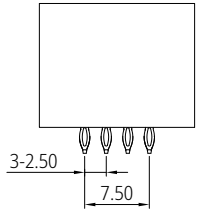
专利产品 Patented Product 2025 version

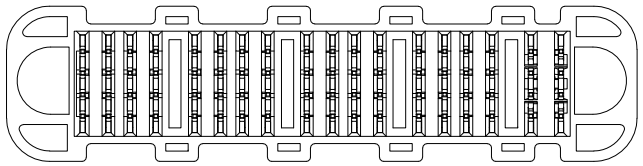


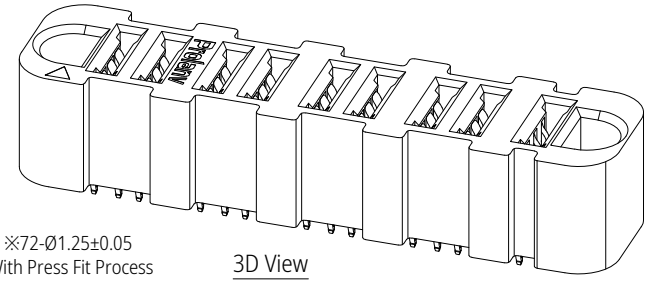
Typical Mating Sequence



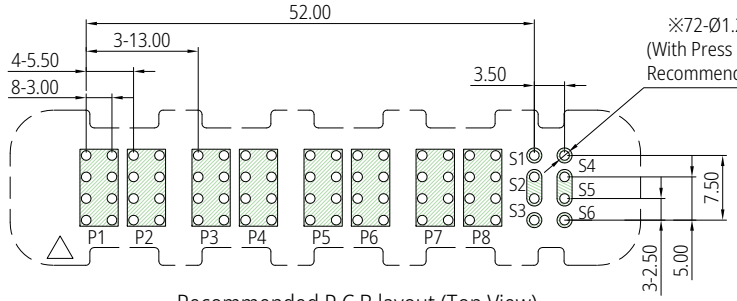








3D View



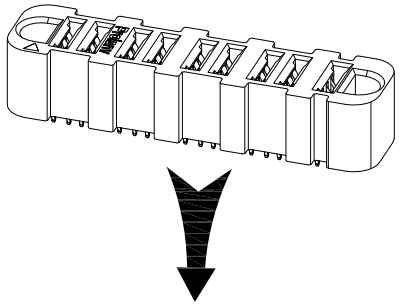
Recommended P.C.B layout (Top View)
Tolerance ±0.05

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.

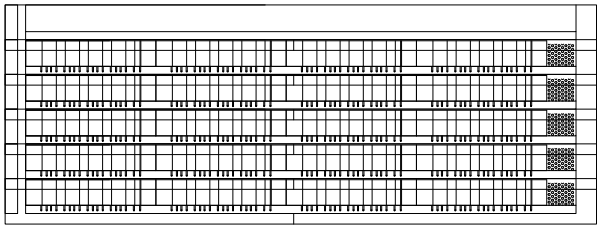
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GENERAL TOLERANCES UNLESS SPECIFIED				PART NO.	Prolanv®
.X±	0.30	X.°±	3°	PDC2010F0001	
.XX±	0.20	.X°±	2°	APPROVED BY: Henry	TITLE: EN60A series | Power Female. 8PW+6S, Straight Type
.XXX±	0.05	.XX°±	1°		
CUSTOMER DRAWING				CHECKED BY: Poplar	DWG NO. PDC20-10
SIZE		UNITS		DRAWN BY: Kaylee	SHEET: 1 / 2 · SCALE: 1:1 · REV: B2
A4		mm[only]			

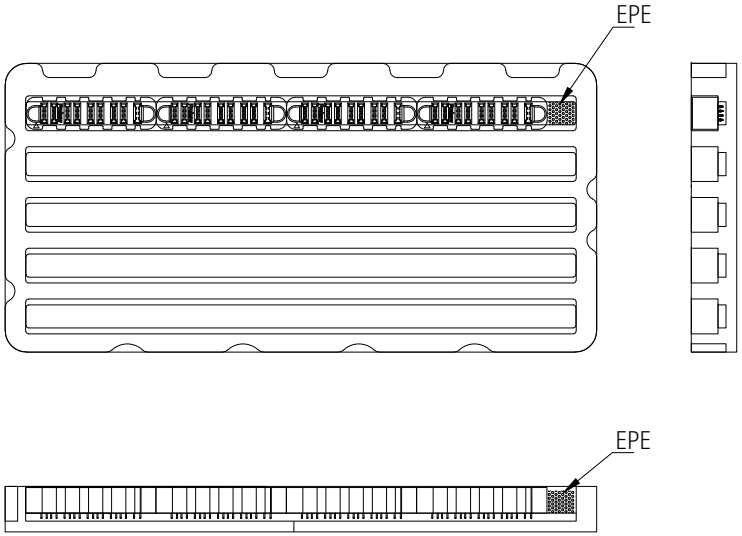
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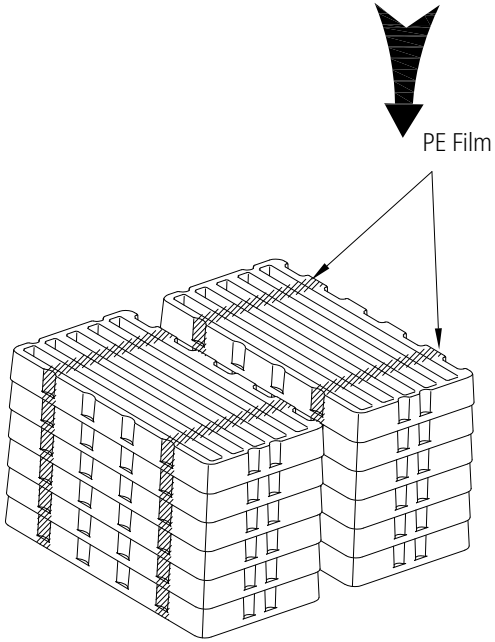


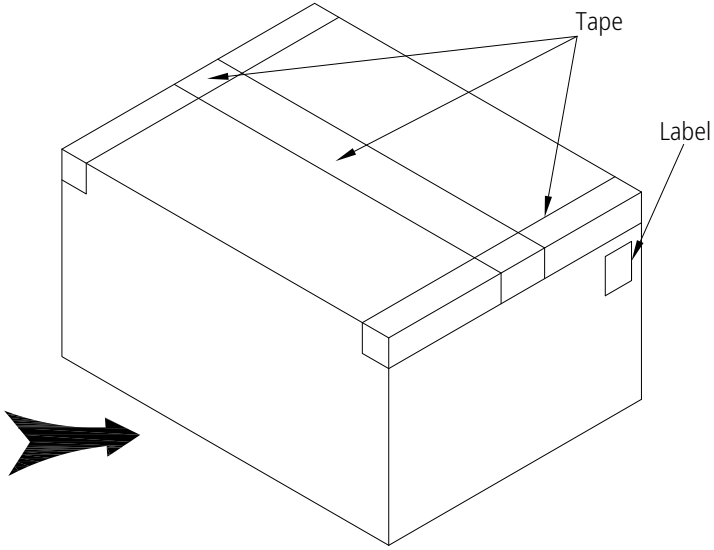
20Pcs/Tray



Total: 2x5 Layers







Notes:

1. Q'ty:20 Pcs/Tray, 2x5 Layers=200 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°	PDC2010F0001	
.XX ± 0.20	.X° ± 2°	APPROVED BY Henry	TITLE EN60A series | Power Female. 8PW+6S, Straight Type, Packaging
.XXX ± 0.05	.XX° ± 1°		
CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. P-PDC20-10
SIZE	UNITS	DRAWN BY Kaylee	SHEET 2 / 2 | SCALE N/A | REV A2
A4	mm[only]		

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