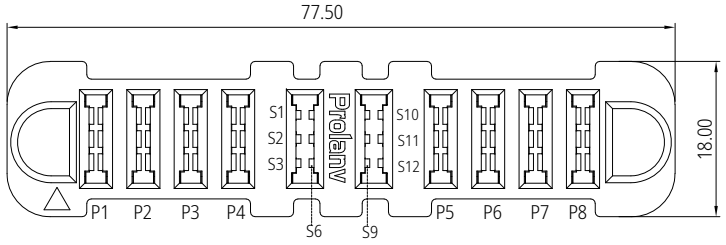
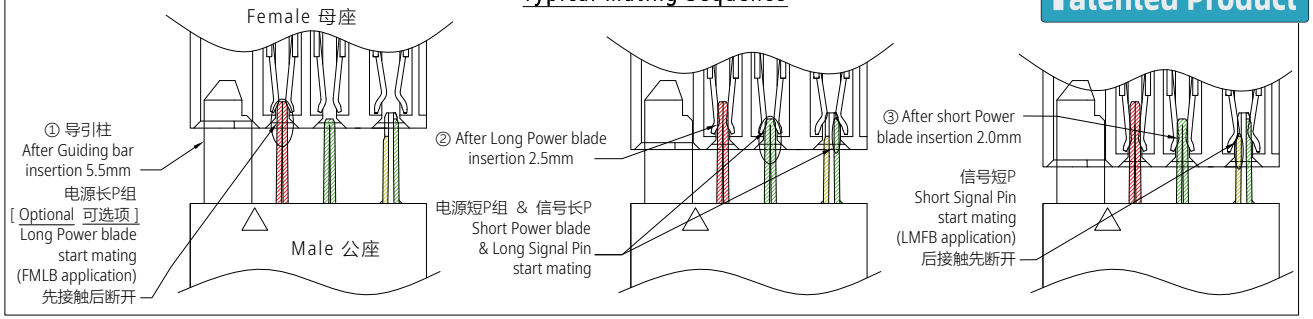
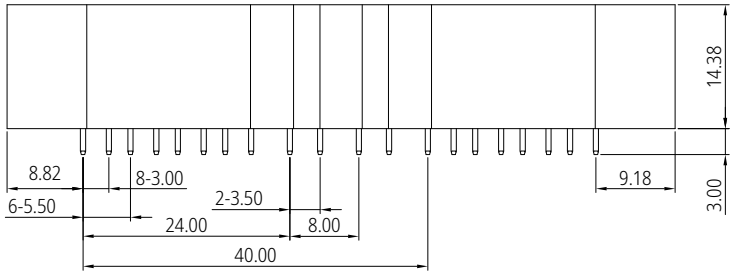
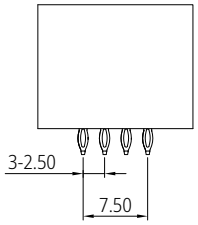
专利产品 2025 version
Patented Product

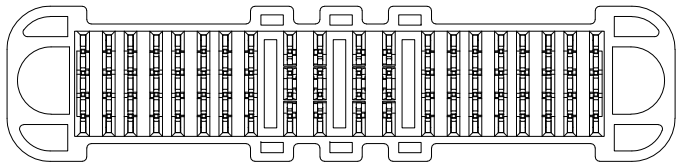


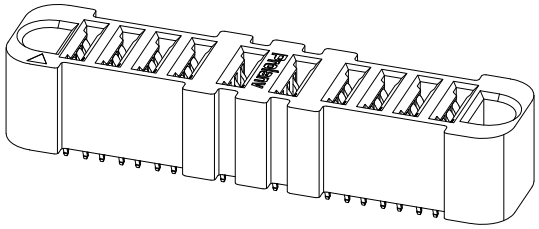
Typical Mating Sequence



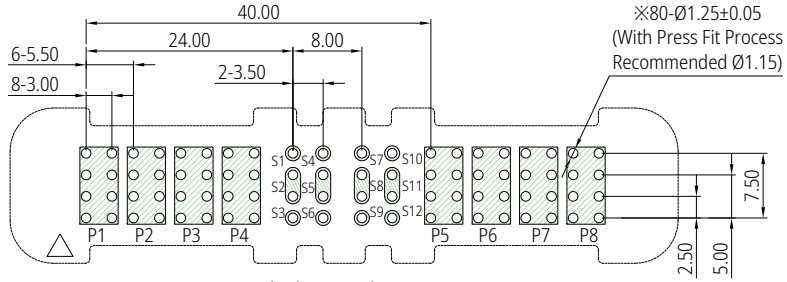








3D View



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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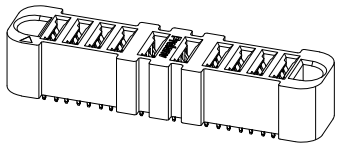
GENERAL TOLERANCES UNLESS SPECIFIED			
.X±	0.30	X.°±	3°
.XX±	0.20	.X°±	2°
.XXX±	0.05	.XX°±	1°

CUSTOMER DRAWING		CHECKED BY	Poplar
SIZE	UNITS	DRAWN BY	Kaylee
A4	mm[only]		

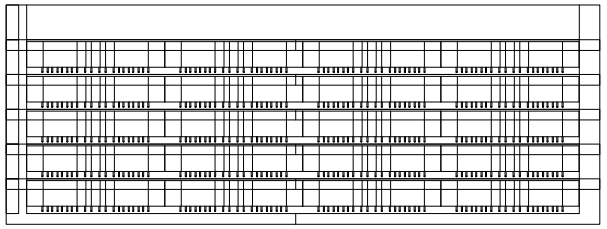
PART NO.	PDC2810F0001	Prolanv®	
APPROVED BY	Henry	TITLE	EN60A series | Power Female. 8PW+12S, Straight Type
DWG NO.	PDC28-10		

SHEET	SCALE	REV
1 / 2	1:1	B2

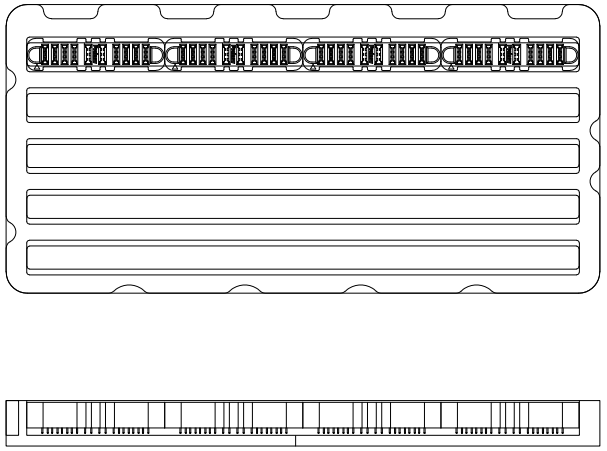
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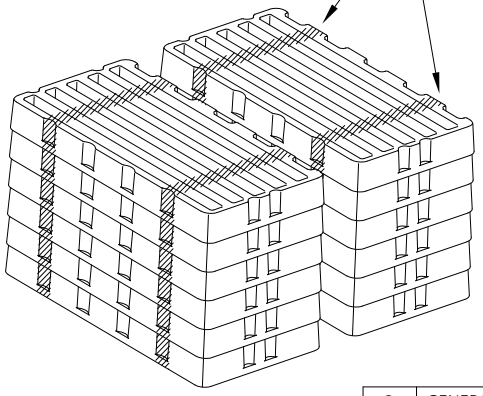
20 Pcs/Tray

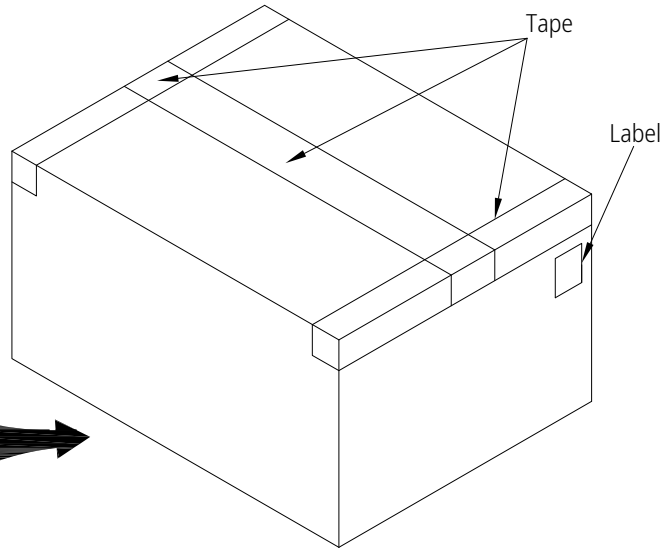


Total: 2x5 Layers



PE Film





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°	PDC2810F0001	
.XX ± 0.20	.X° ± 2°	APPROVED BY: Henry	TITLE: EN60A series | Power Female. 8PW+12S, Straight Type, Packaging
.XXX ± 0.05	.XX° ± 1°		
CUSTOMER DRAWING		CHECKED BY: Poplar	DWG NO.: P-PDC28-10
SIZE: A4	UNITS: mm[only]	DRAWN BY: Kaylee	SHEET: 2 / 2 | SCALE: N/A | REV: A2

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