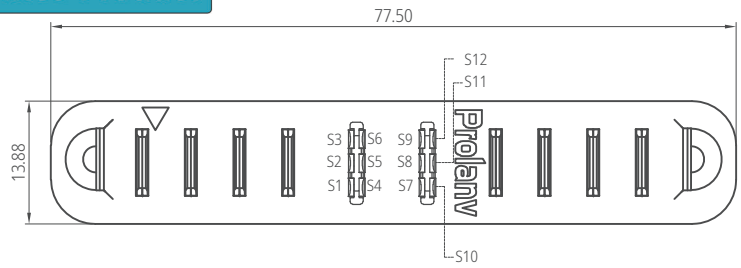
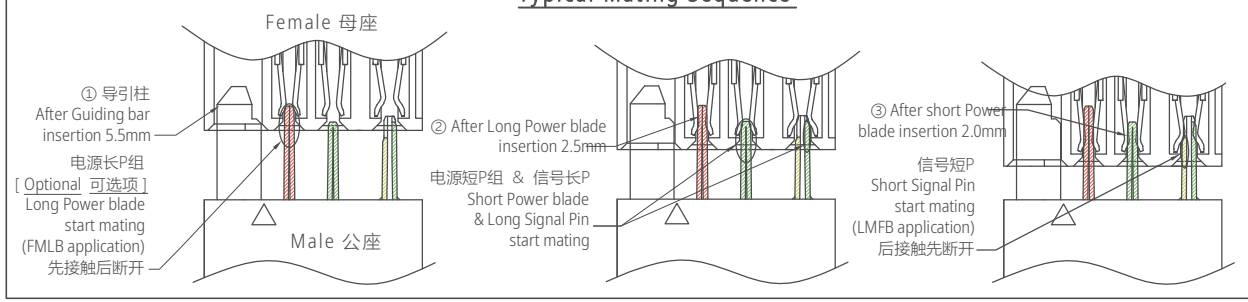
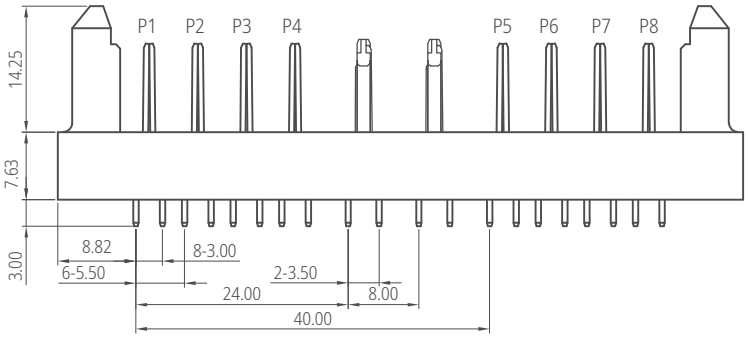
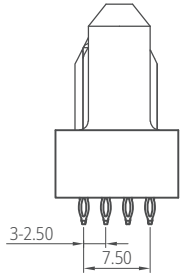
专利产品 Patented Product 2025-VERSION

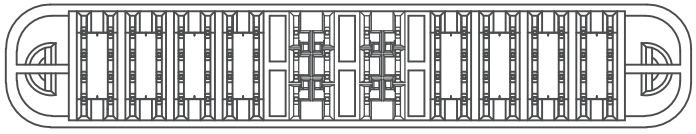


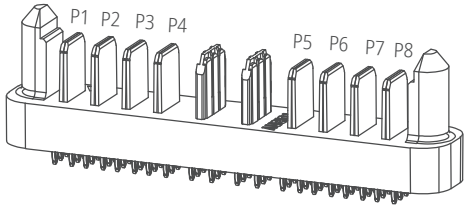
Typical Mating Sequence



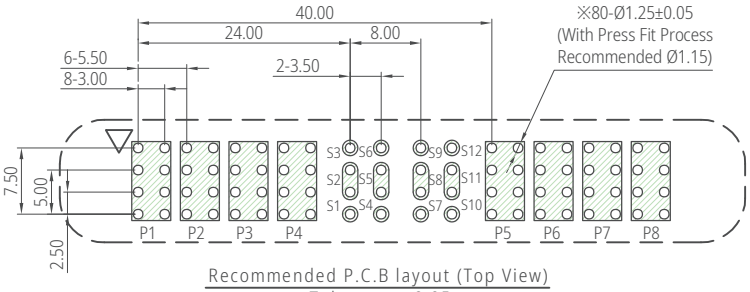








3D View



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.

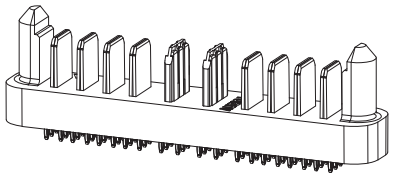
Part Number: PDC2710F0001

- Optional Long Power blade 可选项 长电源P组数 | Pairs Code: 1~9 & A~C
- Long Power blade 长电源P组 | 起始位 Start location code: 1~9 & A~C
- Long Power blade 长电源P组 | 终止位 End location code: 1~9 & A~C

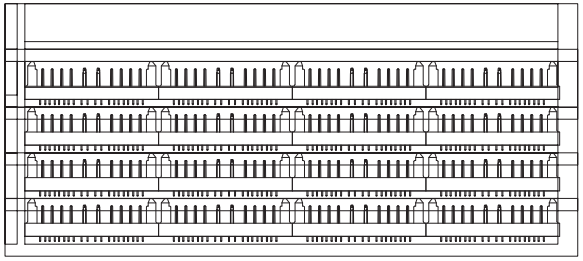
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
.X± 0.30	X.°± 3°	PDC2710F0001	
.XX± 0.20	.X°± 2°	APPROVED BY: Henry	TITLE: EN60A series | Power Male. 8PW+12S, Straight Type
.XXX± 0.05	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY: Poplar	DWG NO.: PDC27-10
SIZE: A4	UNITS: mm[only]	DRAWN BY: Kaylee	SHEET: 1 / 2 · SCALE: 1:1 · REV: B3

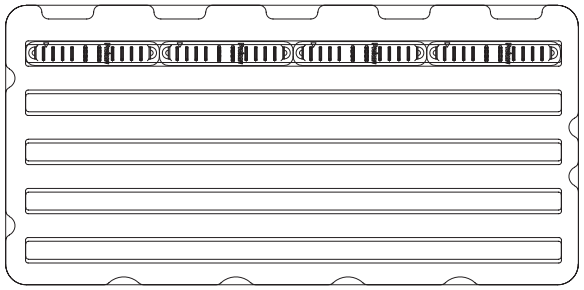
Copyright Shenzhen Prolanv Inc. www.prolanv.com

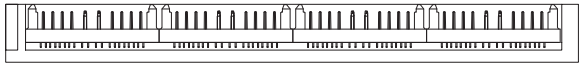


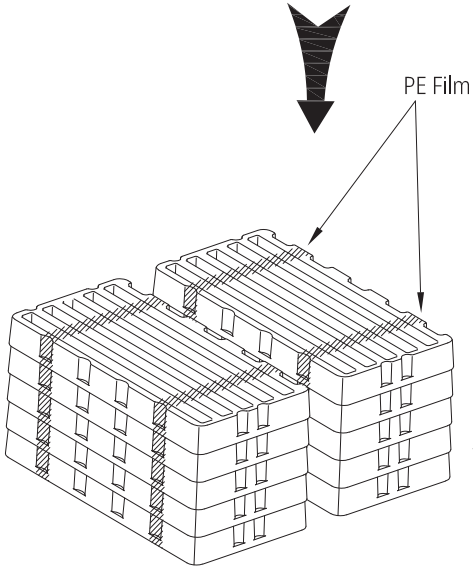
20 Pcs/Tray

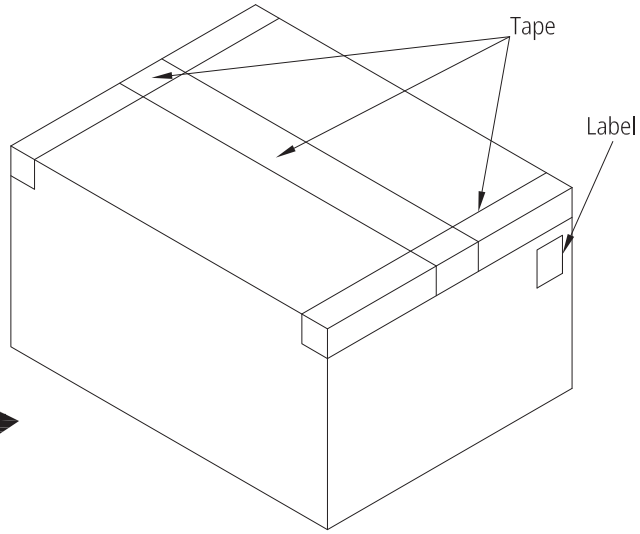


Total: 2x4 Layers









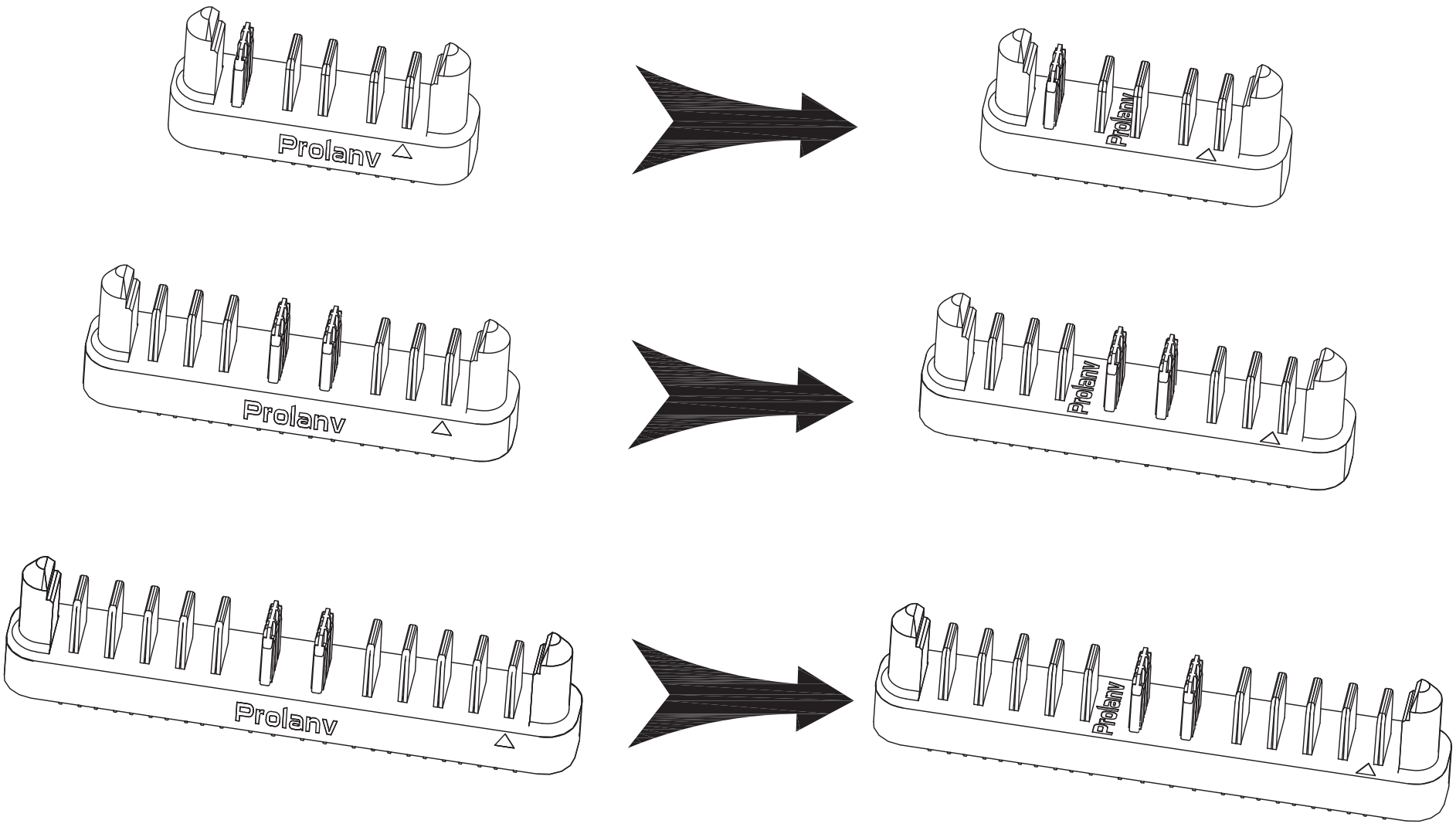
Notes:

1. Q'ty: 20 Pcs/Tray, 2x4 Layers=160 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 .X ± 0.30 / X.° ± 3° .XX ± 0.20 / .X° ± 2° .XXX ± 0.05 / .XX° ± 1°	PART NO. PDC2710F0001	Prolanv®	
		APPROVED BY Henry	TITLE EN60A series | Power Male. 8PW+12S, Straight Type, Packaging	
	CUSTOMER DRAWING	CHECKED BY Poplar	DWG NO. P-PDC27-10	
	SIZE A4 / UNITS mm[only]	DRAWN BY Kaylee	SHEET 2 / 2 / SCALE N/A / REV A3	

Copyright Shenzhen **Prolanv** Inc. www.prolanv.com

EN60A series marks upgraded



Copyright **Prolanv** Inc. www.prolanv.com