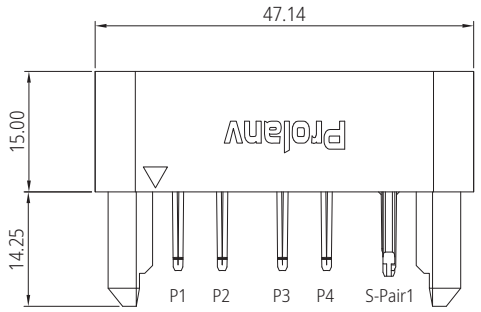
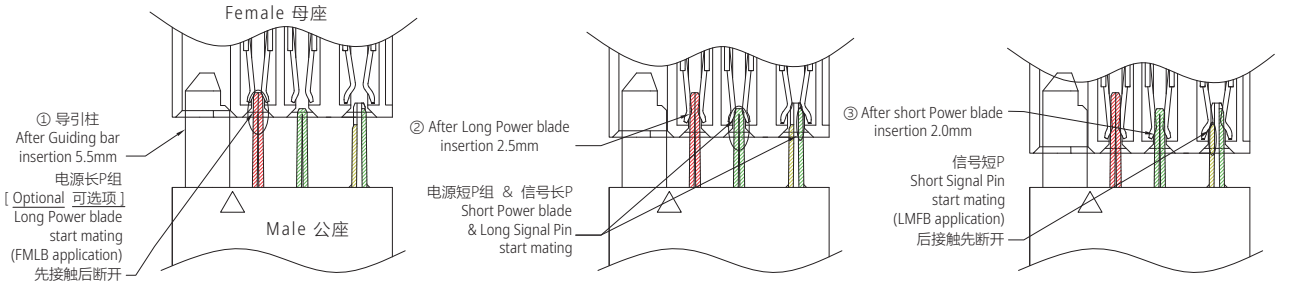
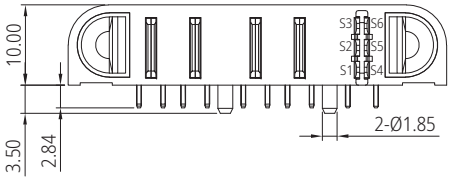
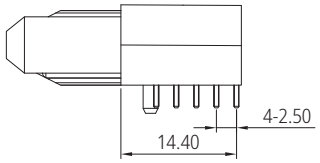
专利产品 2025-version
Patented Product

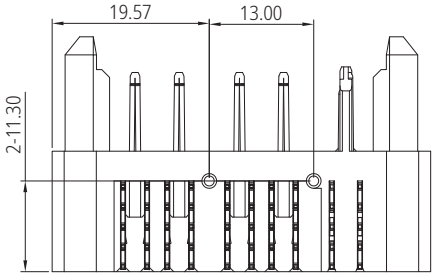


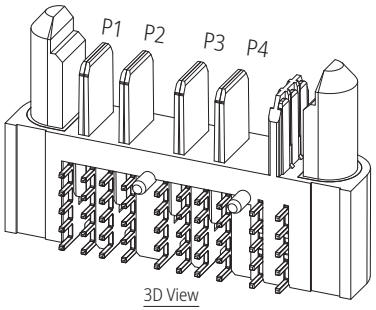
Typical Mating Sequence



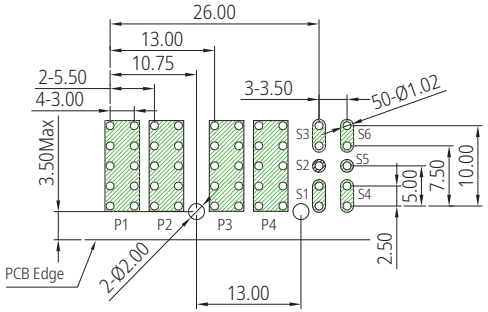








3D View



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

Part Number: PDC0110F0003

- 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

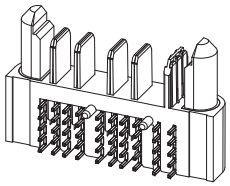
Notes:

1. Material Specification:
   1-1. Housing: High Temperature Thermoplastic. UL94 V-0, Black;
   1-2. Contact: High Conductivity Copper Alloy;
   1-3. Metal Rod: Alloy.
2. Plating Specification:
   2-1. Contact: Gold plating on Contact area, Matte Tin 80μ" min. on Tails, and 80μ" min. Nickel overall;
   2-2. Metal Rod: 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.

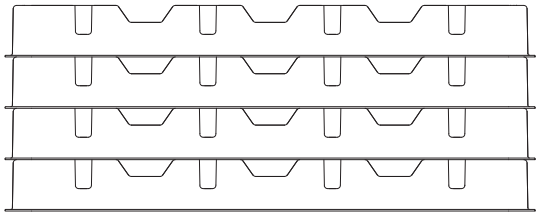
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GENERAL TOLERANCES UNLESS SPECIFIED				PART NO.	Prolanv®
.X ±	0.30	X.° ±	3°	PDC0110F0003	
.XX ±	0.20	.X° ±	2°	APPROVED BY: Henry	TITLE: EN60A series | Power Male. 4PW+6S, R/A DIP Type
.XXX ±	0.05	.XX° ±	1°		
CUSTOMER DRAWING				CHECKED BY: Poplar	DWG NO. PDC01-03
SIZE	UNITS			DRAWN BY: Kaylee	SHEET: 1 / 2 · SCALE: 1:1 · REV: A1
A4	mm[only]				

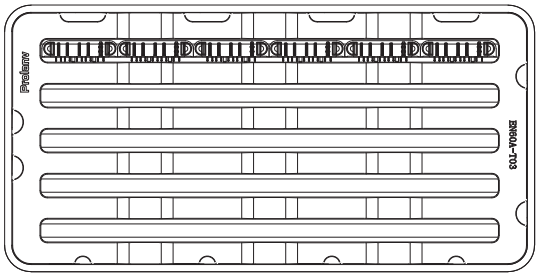
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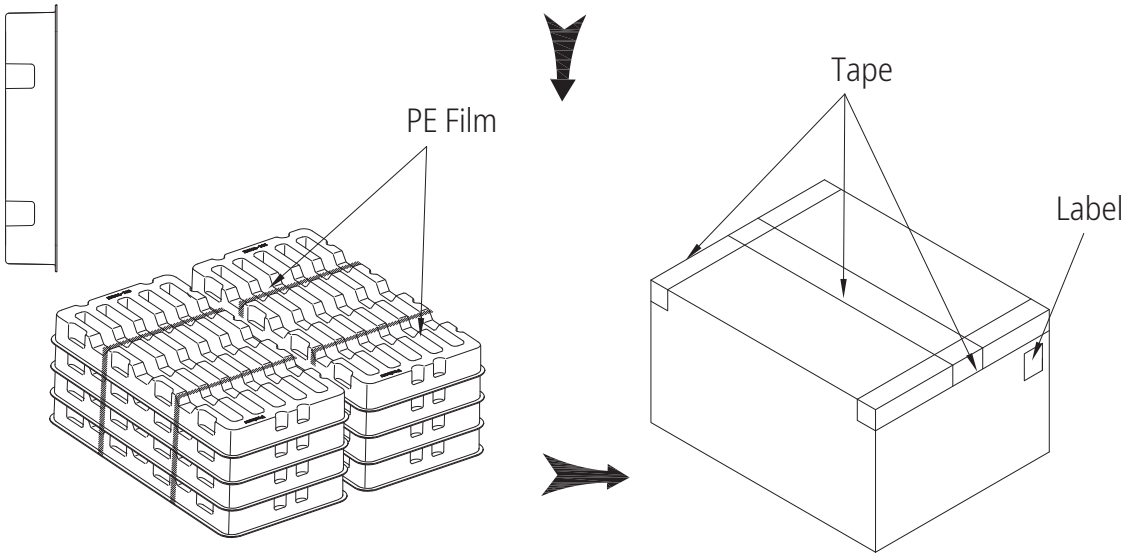


30pcs/Tray



Total 2*3 Layers







Notes:

1. Q'ty: 30Pcs/Tray, 2x3 Layers=180 Pcs/Carton.
2. Tray Pallet size: 332*162*17mm.
3. Carton size: 350*350*155mm.

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
.X± 0.20	.X°± 3°	PDC0110F0003	
.XX± 0.10	.X°± 2°	APPROVED BY Henry	TITLE EN60A series | Power Male 4PW+6S, R/A DIP Type, Packaging
.XXX± 0.05	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. P-PDC01-03
SIZE A4	UNITS mm[only]	DRAWN BY Esther	SHEET 2 / 2 · SCALE NA · REV A1

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