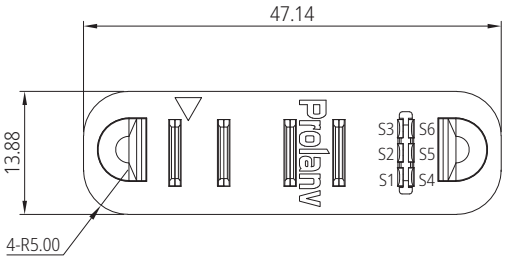
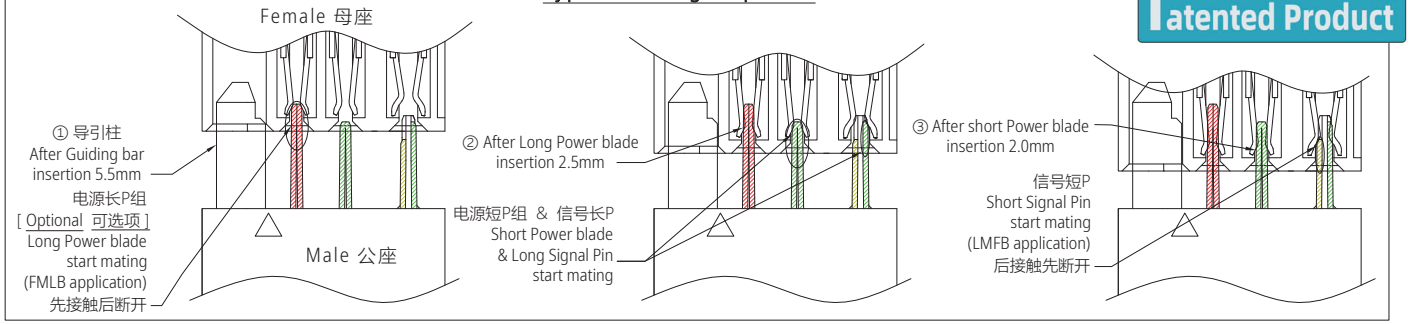
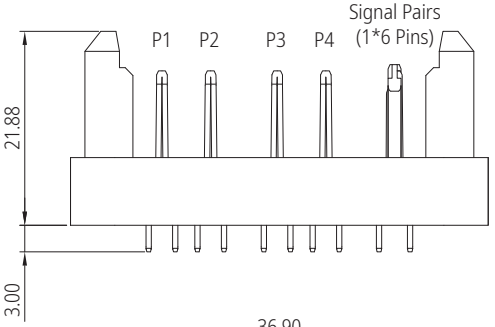
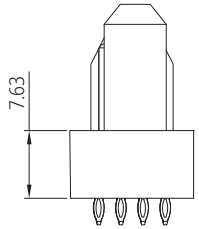
专利产品 Patented Product 2025-VERSION

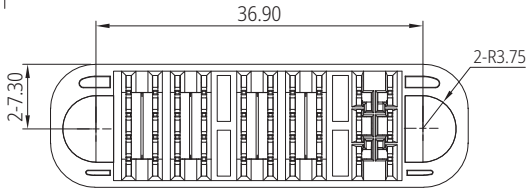


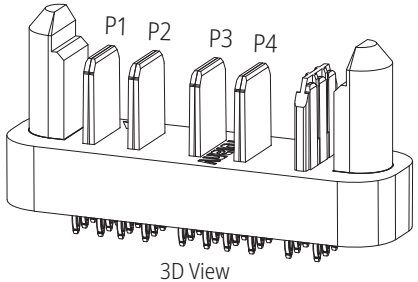
Typical Mating Sequence



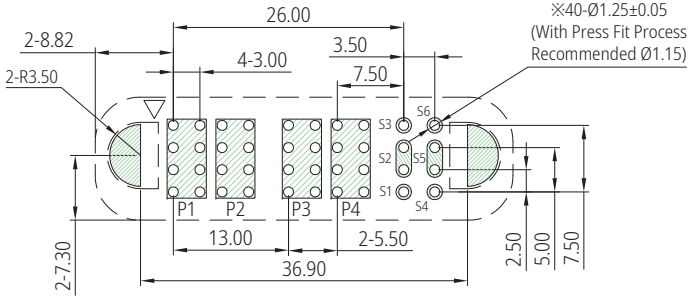








3D View



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;
   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.
8. ※ See SPS-PDC-06 for Terminal details.

Part Number: PDC0120F0003

- 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

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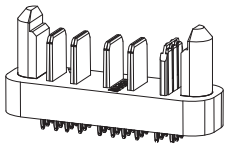
GENERAL TOLERANCES UNLESS SPECIFIED			
.X±	0.30	X.°±	3°
.XX±	0.20	.X°±	2°
.XXX±	0.05	.XX°±	1°

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

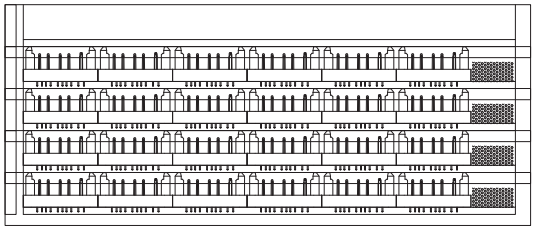
PART NO.	PDC0120F0003		
APPROVED BY	Henry		
TITLE	EN60A series | Power Male. 4PW+6S, Straight Type		
DWG NO.	PDC01-23		
SHEET	SCALE	REV	
1 / 2	1:1	A2	

Prolanv®

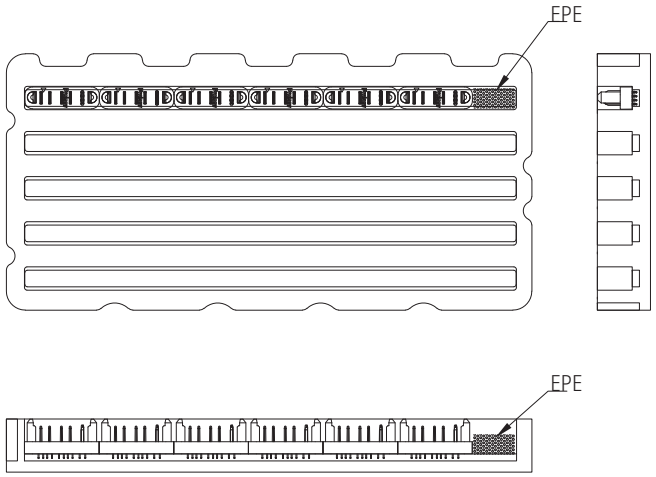
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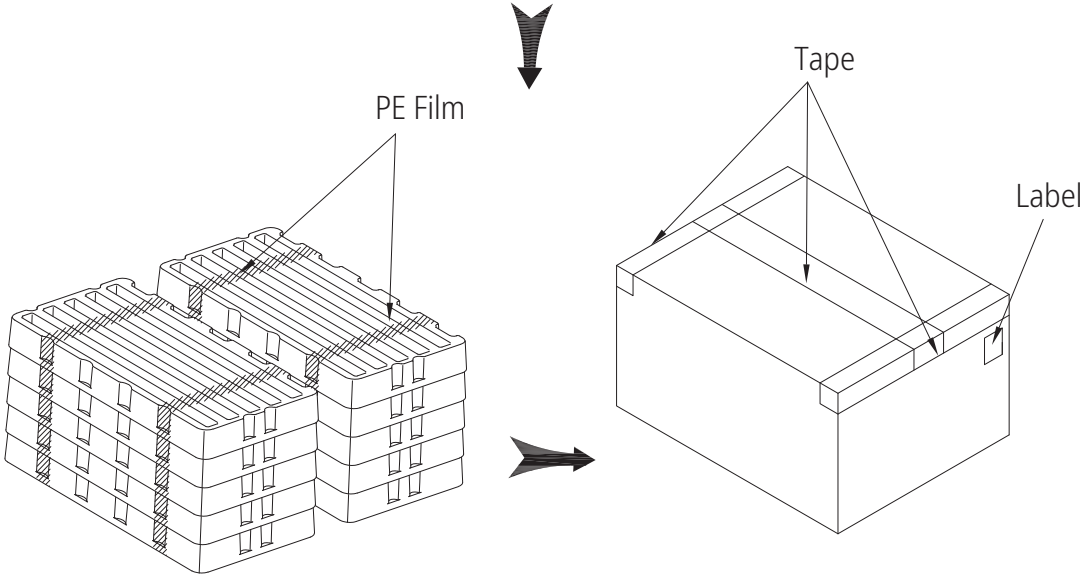


30pcs/Tray



Total 2*4 Layers





Notes:

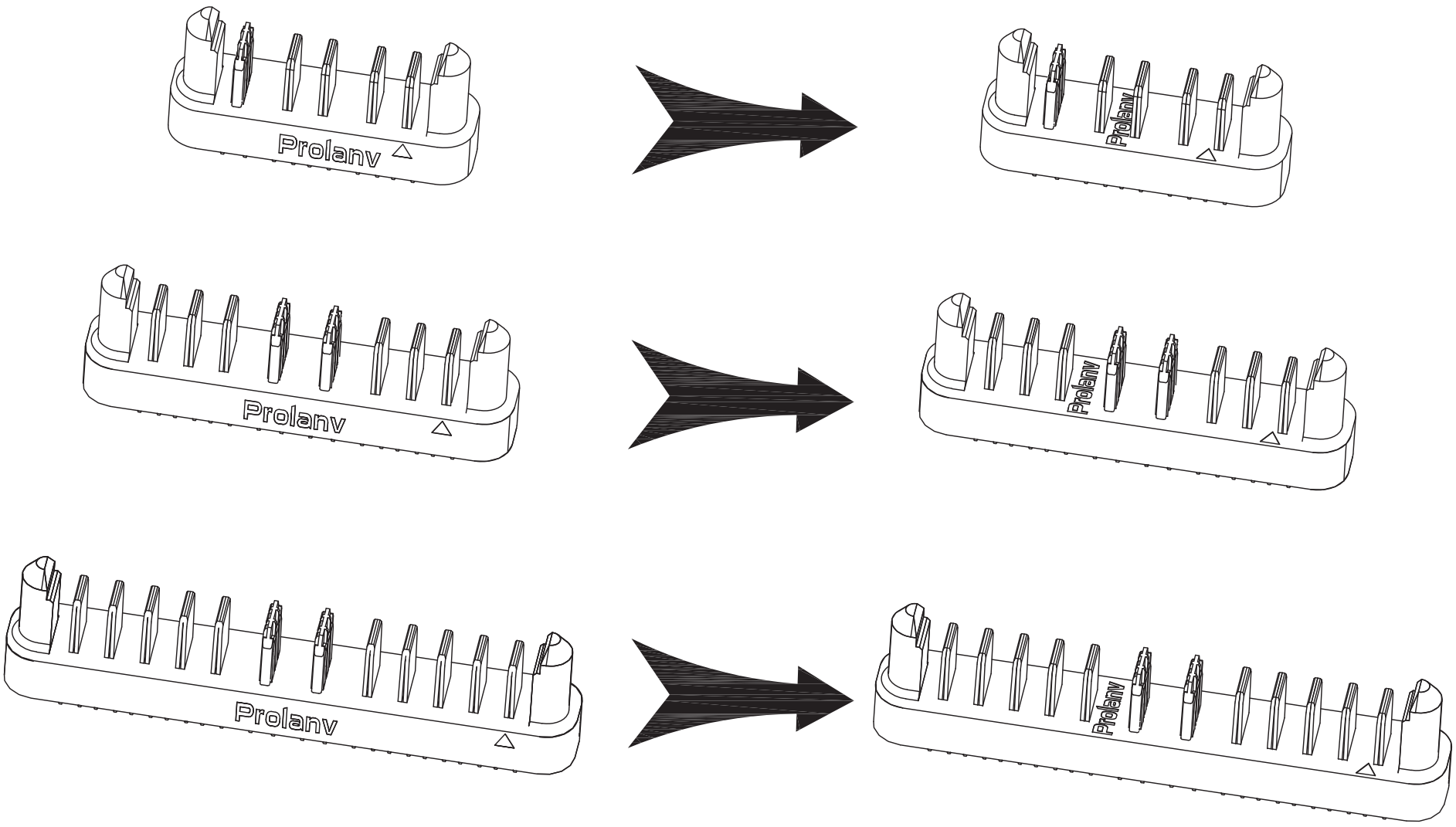
1. Q'ty: 30Pcs/Tray, 2x4 Layers=240 Pcs/Carton.
2. Tray Pallet size: 332*162*17mm.
3. Carton size: 350*350*155mm.

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GENERAL TOLERANCES UNLESS SPECIFIED			PART NO.	Prolanv®
X ± 0.20	X.° ± 3°		PDC0120F0003	
.XX ± 0.10	.X° ± 2°		APPROVED BY Henry	TITLE EN60A series | Power Male. 4PW+6S, Straight Type Packaging
.XXX ± 0.05	.XX° ± 1°			
CUSTOMER DRAWING			CHECKED BY Poplar	DWG NO. P-PDC01-23
SIZE	UNITS		DRAWN BY Kaylee	SHEET 2 / 2 | SCALE NA | REV A2
A4	mm[only]			

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EN60A series marks upgraded



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