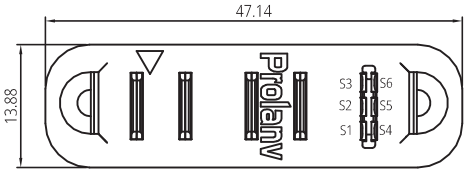
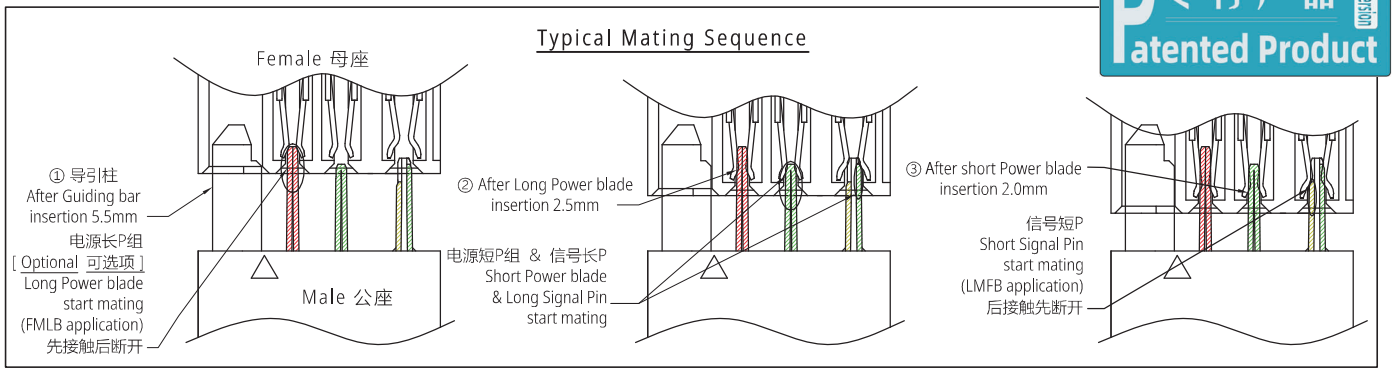
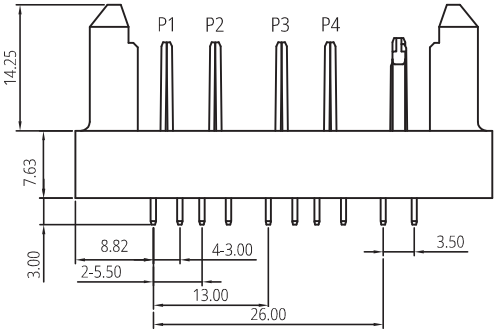
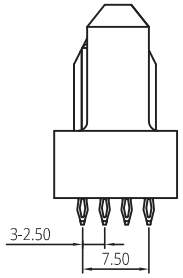
专利产品 2025-version
Patented Product

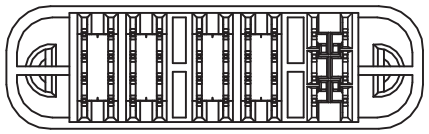


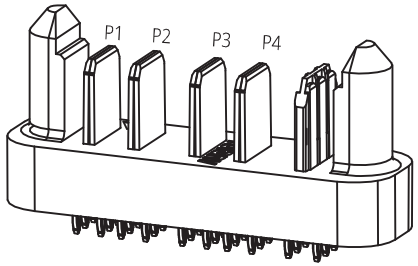
Typical Mating Sequence



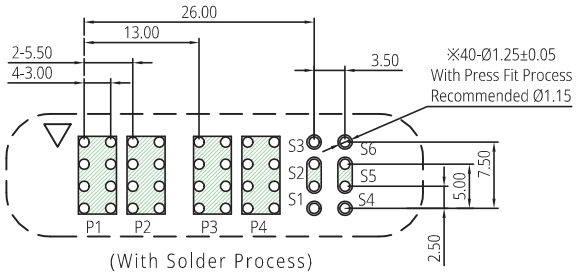








3D View



(With Solder Process)
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: PDC0120F0001
- 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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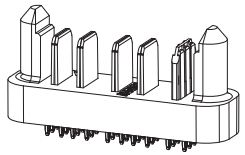
GENERAL TOLERANCES UNLESS SPECIFIED			
.X ±	0.30	X.°±	3°
.XX ±	0.20	.X°±	2°
.XXX ±	0.05	.XX°±	1°

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

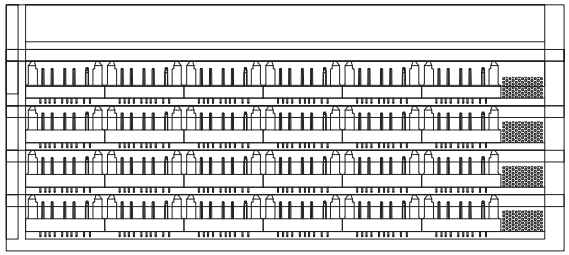
PART NO.	PDC0120F0001	Prolanv®	
APPROVED BY	Henry	TITLE	EN60A series | Power Male. 4PW+6S, Straight Type
DWG NO.	PDC01-20		

SHEET	SCALE	REV
1 / 2	1:1	B3

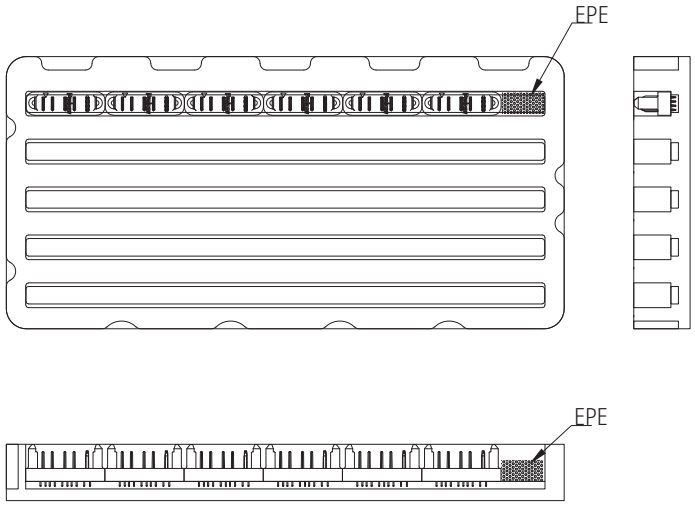
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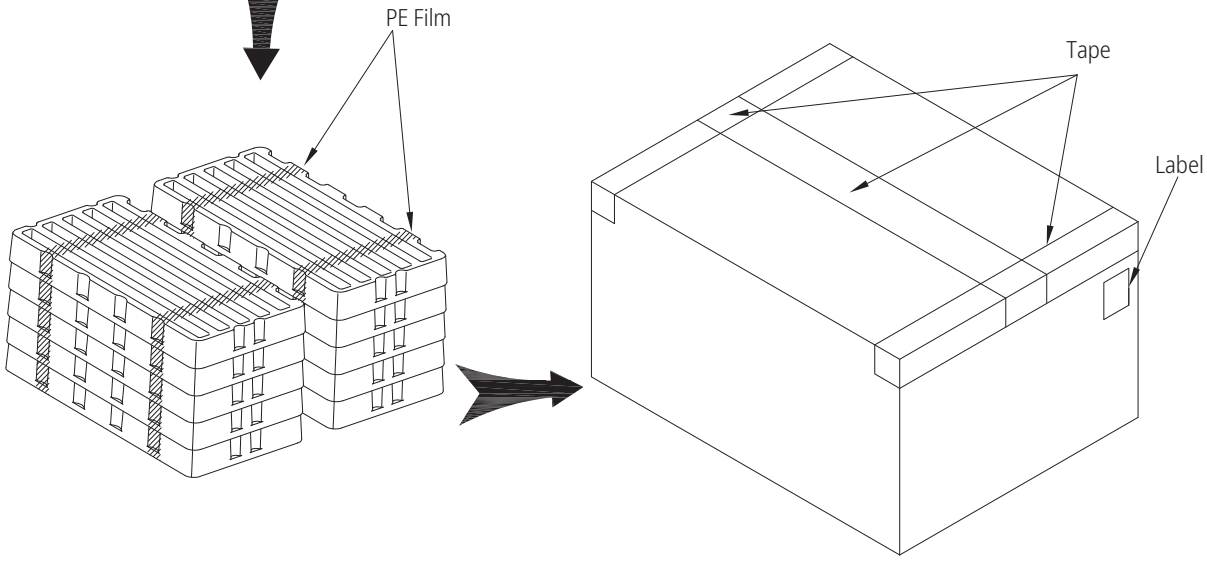


30 Pcs/Tray



Total: 2x4 Layers





Notes:

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

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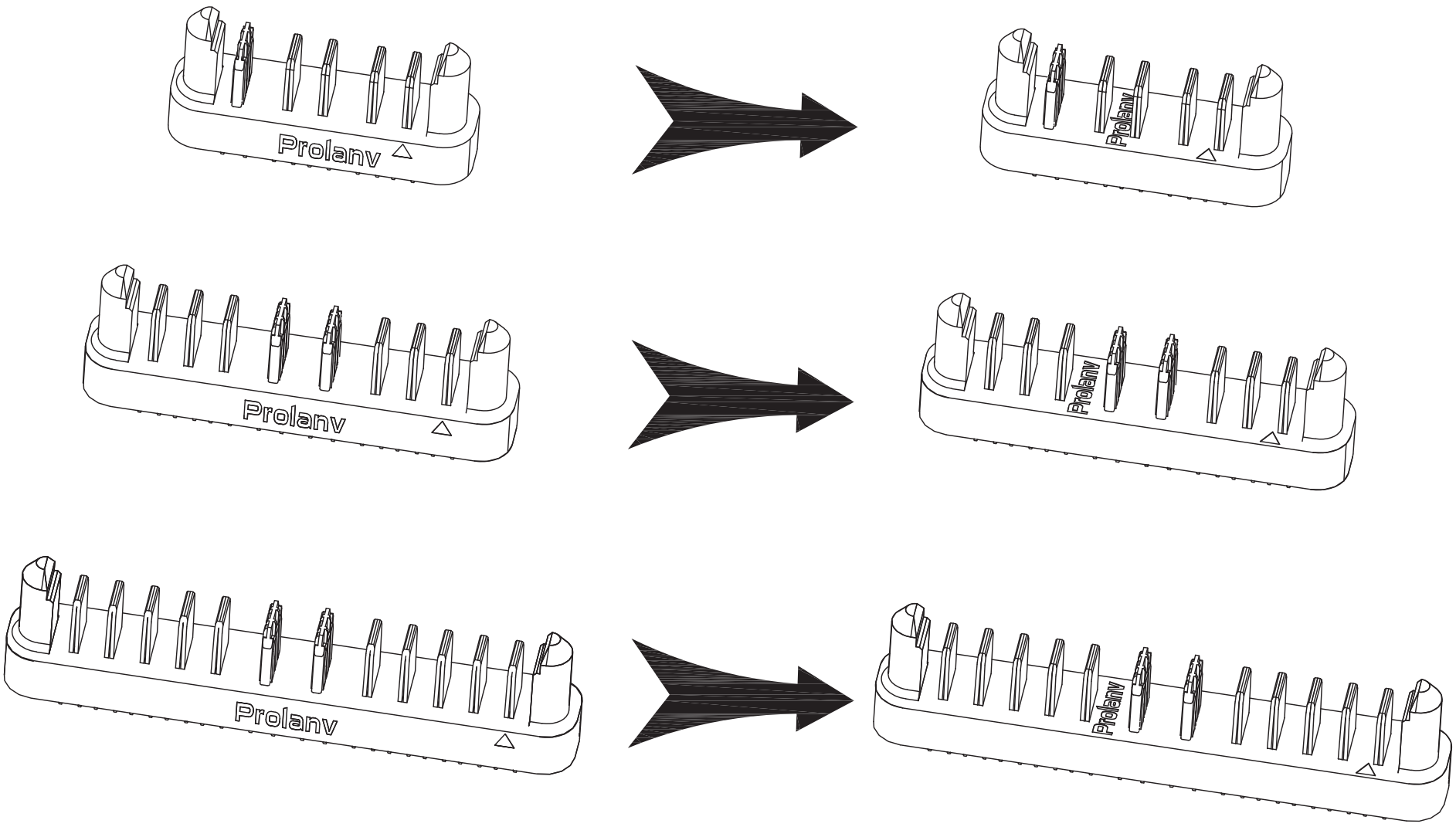
GENERAL TOLERANCES UNLESS SPECIFIED			
.X ±	0.30	X.° ±	3°
.XX ±	0.20	.X° ±	2°
.XXX ±	0.05	.XX° ±	1°

CUSTOMER DRAWING			
SIZE	UNITS		
A4	mm[only]		

PART NO. PDC0120F0001	Prolanv®			
APPROVED BY Henry	TITLE EN60A series | Power Male. 4PW+6S, Straight Type. Packaging			
CHECKED BY Poplar	DWG NO. P-PDC01-20			
DRAWN BY Kaylee		SHEET	SCALE	REV
		2 / 2	N/A	A3

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EN60A series marks upgraded



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