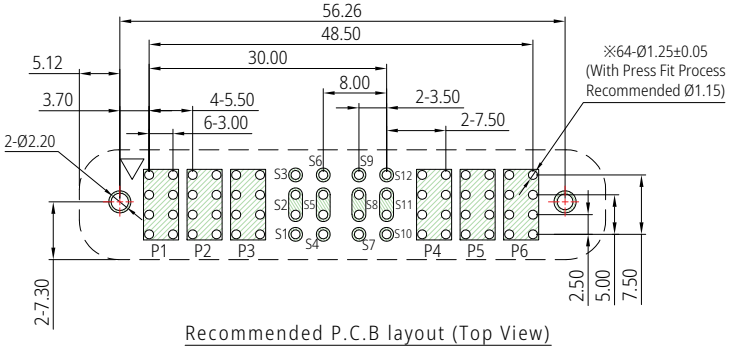
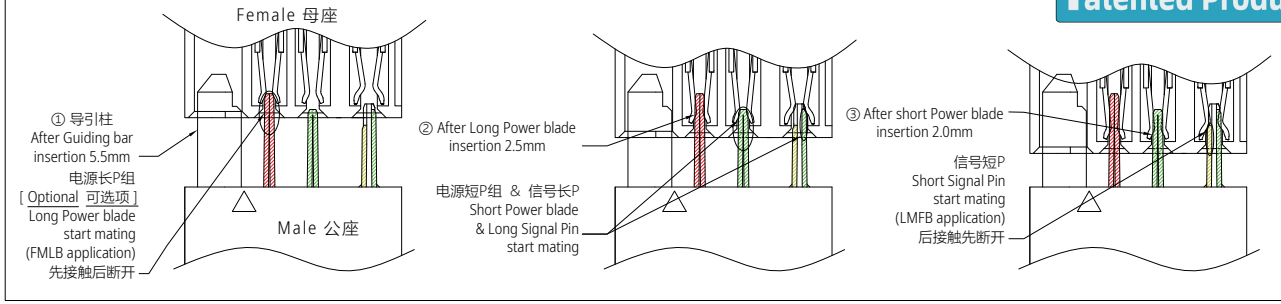


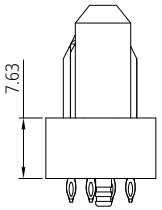


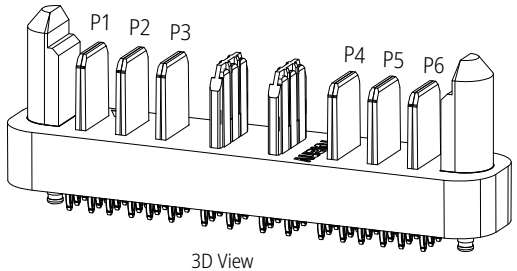
Recommended P.C.B layout (Top View)

Tolerance ±0.05

Typical Mating Sequence







3D View

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.

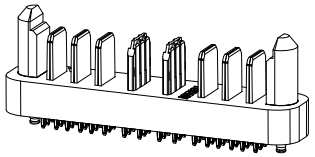
Part Number: PDC1720F0002

- 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

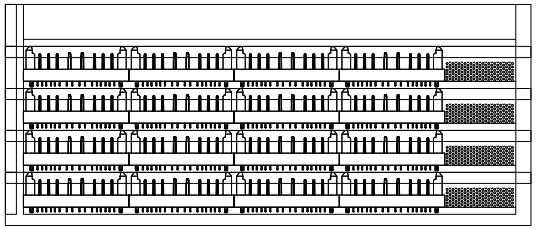
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GENERAL TOLERANCES UNLESS SPECIFIED			PART NO.	Prolanv®
.X± 0.30	.X°± 3°		PDC1720F0002	
.XX± 0.20	.X°± 2°		APPROVED BY Henry	TITLE EN60A series | Power Male. 6PW+12S, Straight Type
.XXX± 0.05	.XX°± 1°			
CUSTOMER DRAWING			CHECKED BY Poplar	DWG NO. PDC17-22
SIZE	UNITS		DRAWN BY Kaylee	SHEET 1 / 2 | SCALE 1:1 | REV A2
A4	mm[only]			

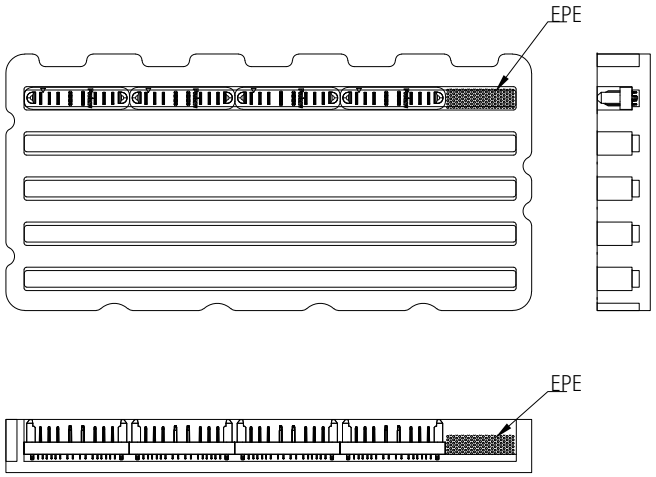
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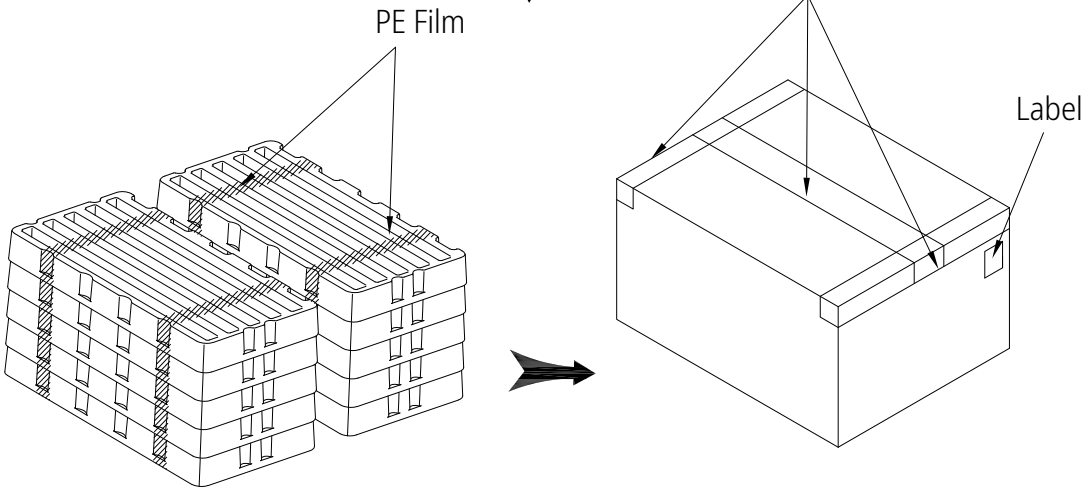


20pcs/Tray



Total 2*4 Layers





Notes:

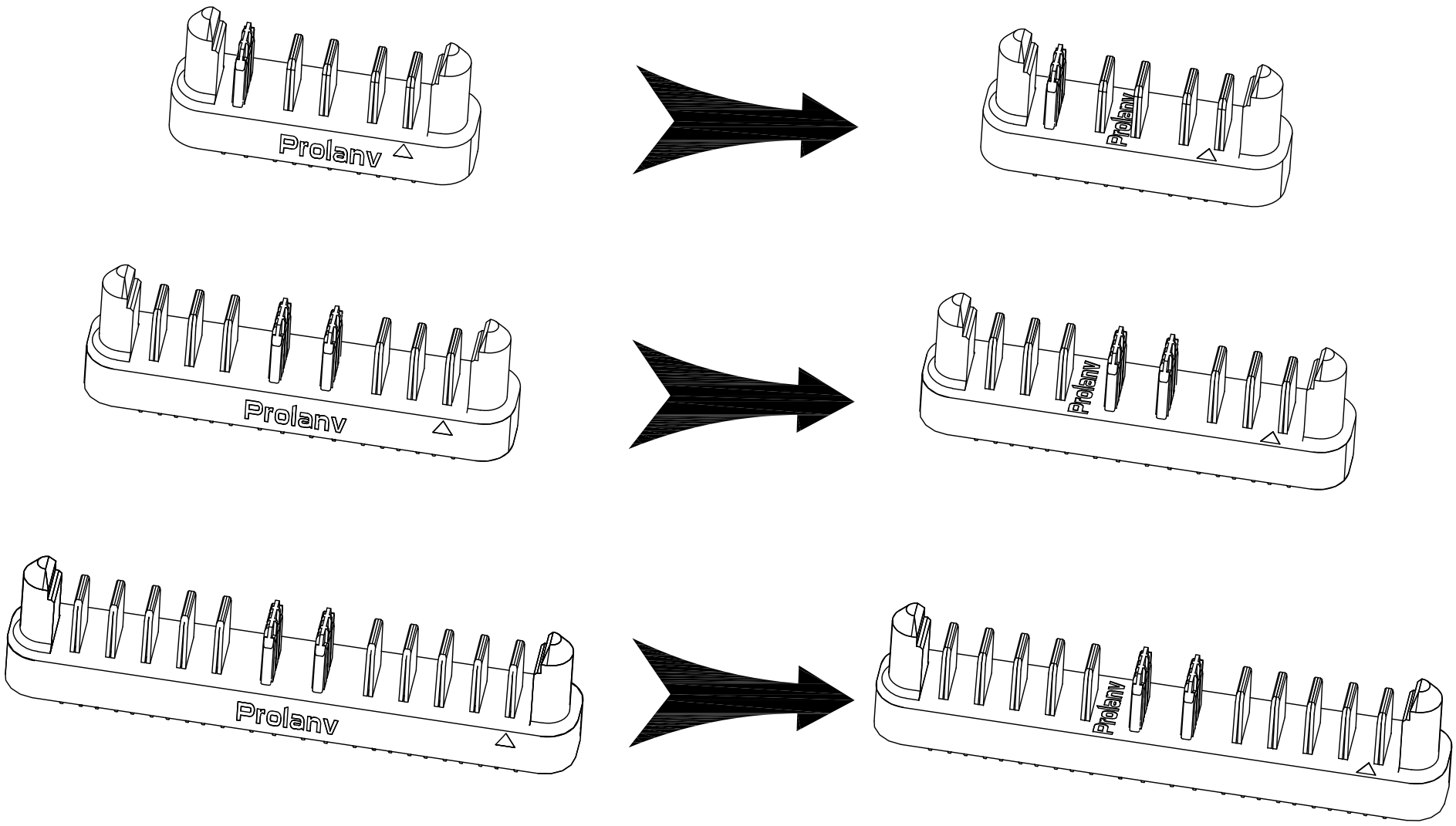
1. Q'ty: 20Pcs/Tray, 2x4 Layers=160 Pcs/Carton.
2. Tray Pallet size: 332*162*17mm.
3. Carton size: 350*350*155mm.

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
X ± 0.20	X.° ± 3°	PDC1720F0002	
.XX ± 0.10	.X° ± 2°	APPROVED BY: Henry	TITLE: EN60A series | Power Male. 6PW+12S, Straight Type Packaging
.XXX ± 0.05	.XX° ± 1°		
CUSTOMER DRAWING		CHECKED BY: Poplar	DWG NO.: P-PDC17-22
SIZE: A4	UNITS: mm[only]	DRAWN BY: Kaylee	SHEET: 2 / 2 · SCALE: NA · REV: A2

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EN60A series marks upgraded



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