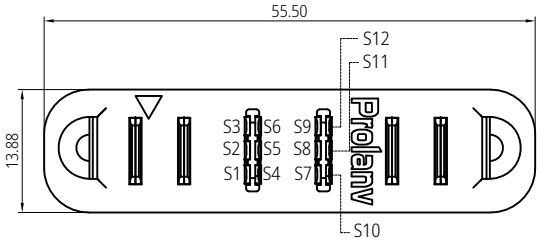
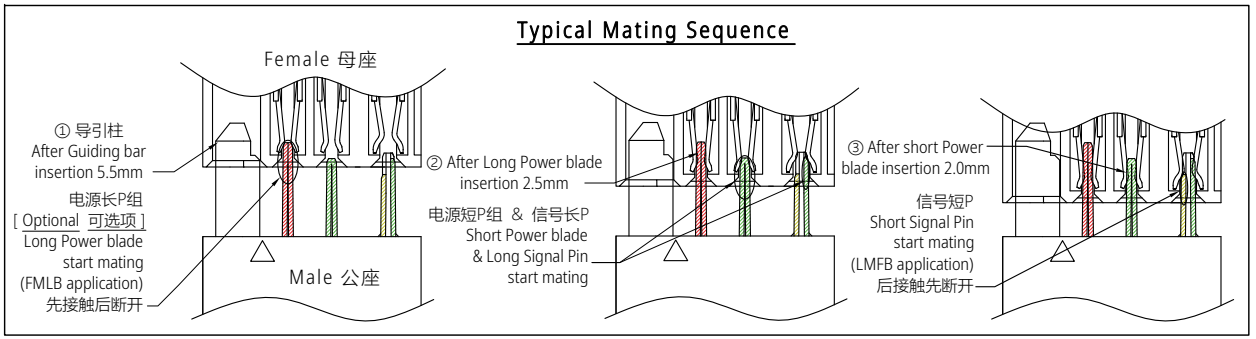
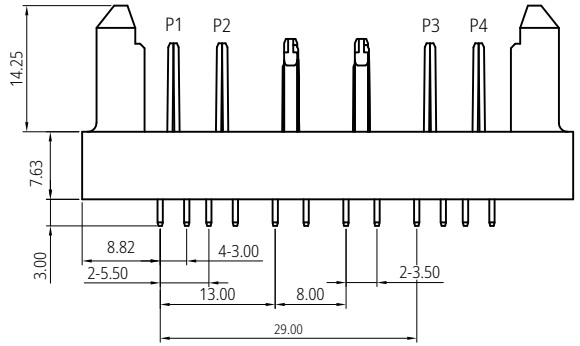
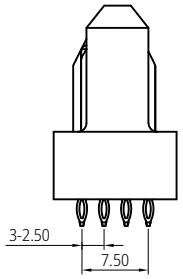
Patented product
专利产品

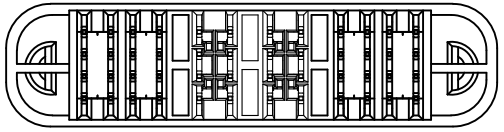


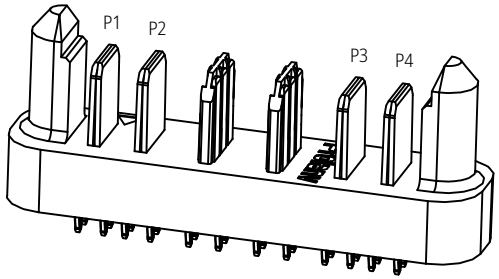
Typical Mating Sequence



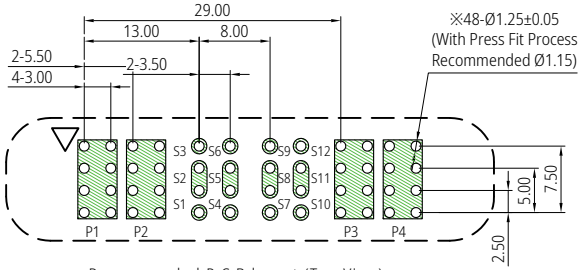








3D View



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: PDC0520F0001

Optional Long Power blade
可选项 长电源P组数 | Pairs
Code: 1~9 & A~C

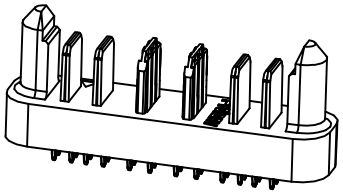
Long Power blade
长电源P组 | 起始位
Start location code: 1~9 & A~C

Long Power blade
长电源P组 | 终止位
End location code: 1~9 & A~C

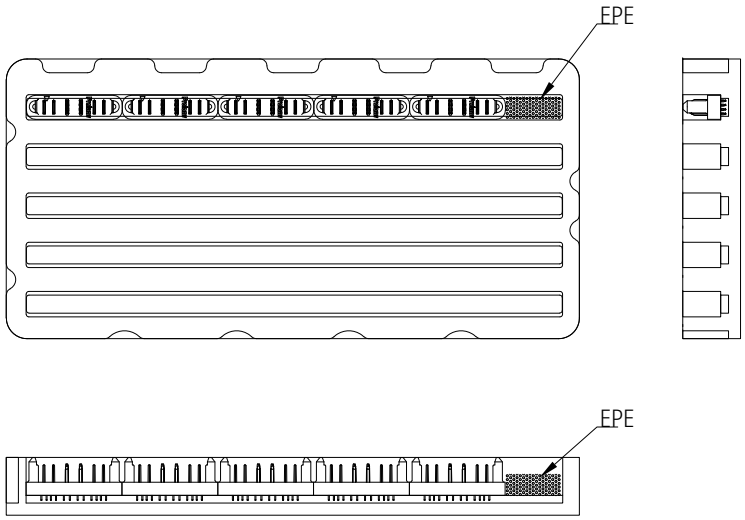
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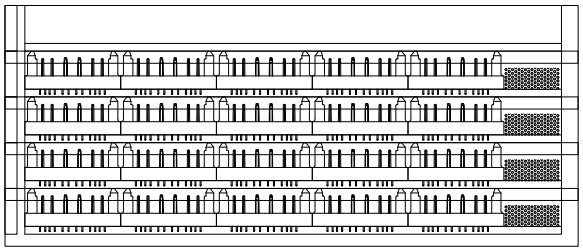
GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
.X ± 0.30	.X° ± 3°	PDC0520F0001	
.XX ± 0.20	.X° ± 2°	APPROVED BY: Henry	TITLE: EN60A series | Power Male. 4PW+12S, Straight Type
.XXX ± 0.10	.XX° ± 1°		
CUSTOMER DRAWING		CHECKED BY: Poplar	DWG NO.: PDC05-20
SIZE: A4	UNITS: mm[only]	DRAWN BY: Kaylee	SHEET: 1 / 2 · SCALE: 1:1 · REV: A0

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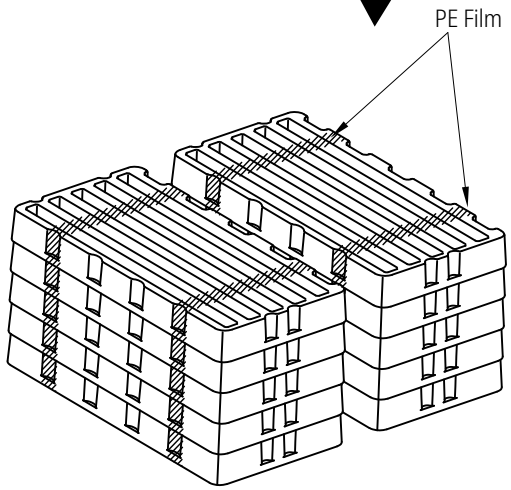


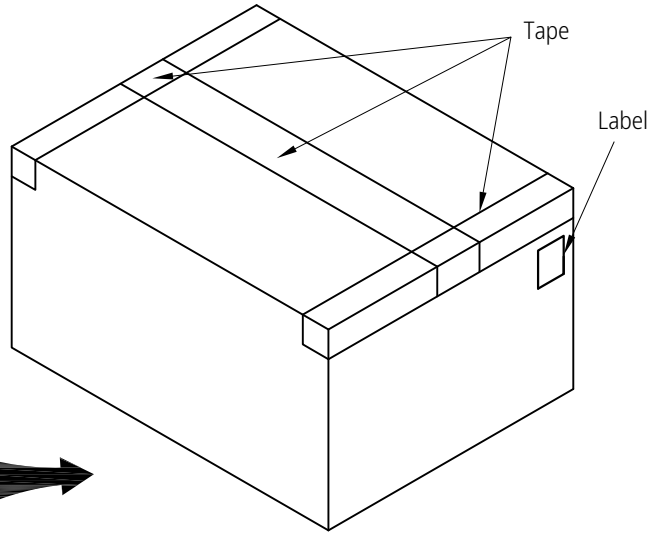
25 Pcs/Tray





Total: 2x4 Layers





Notes:

1. Q'ty: 25 Pcs/Tray, 2x4 Layers=200 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 ± 0.10		.XX° ± 1°	
CUSTOMER DRAWING			
SIZE	UNITS		
A4	mm[only]		

PART NO.	PDC0520F0001
APPROVED BY	Henry
CHECKED BY	Poplar
DRAWN BY	Kaylee

Prolanv®

TITLE: EN60A series | Power Male. 4PW+12S, Straight Type, Packaging

DWG NO. P-PDC05-20

SHEET	SCALE	REV
2 / 2	N/A	A0

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