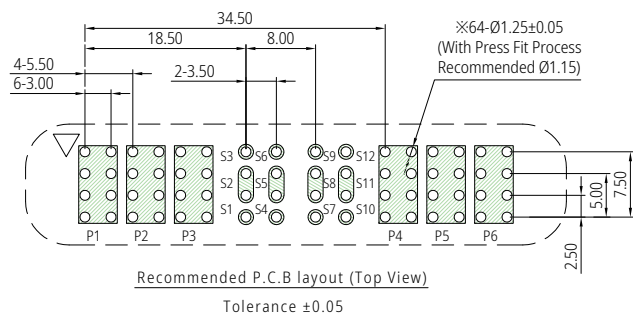
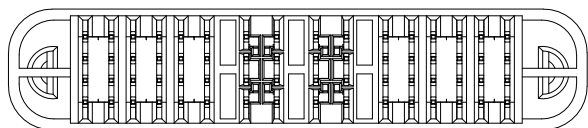
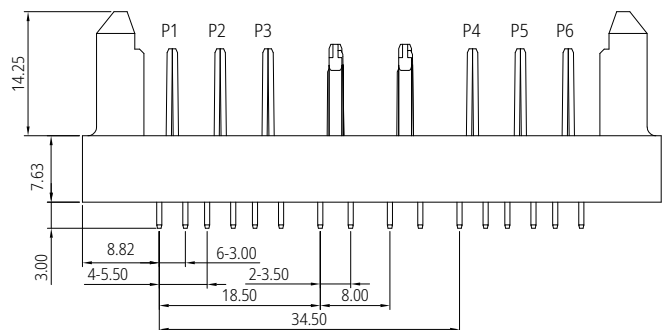
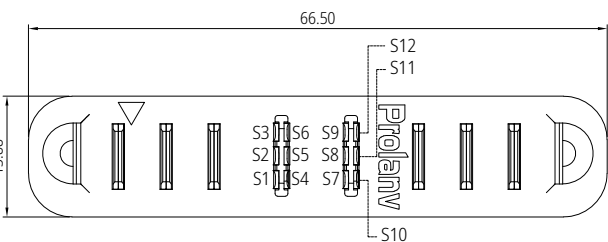


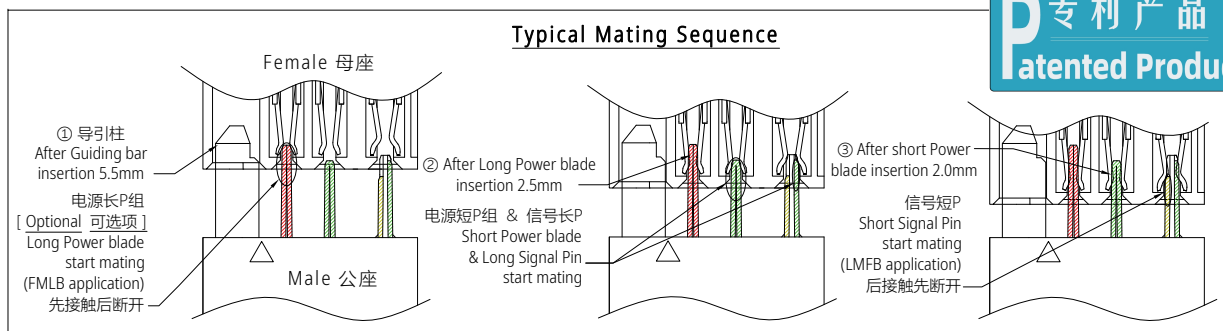
F
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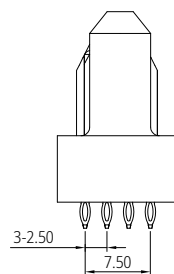


Recommended P.C.B layout (Top View)

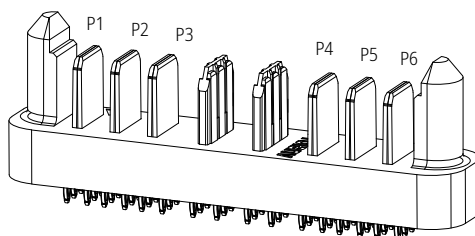
Tolerance ±0.05



专利产品
Patented Product
2025-version



3D View



Notes:

- Material Specification:
 - Housing: High Temperature Thermoplastic. UL94 V-0, Black;
 - Contact: High Conductivity Copper Alloy;
- Plating Specification:
 - Contact: Gold plating on Contact area, Matte Tin 80µ" min. on Tails, and 80µ" min. Nickel overall;
- Electrical performance:
 - Voltage Rating: 250v DC/power blade, 120v DC/Signal pin.
 - Current Rating: 60A (per pair power blade), 3A (per Signal Pin).
 - LLCR:
 - initial 0.6mΩ max., finished 1.0mΩ maximum change.(per pair power blade).
 - initial 10mΩ max., finished 20mΩ maximum change.(per signal pin).
 - Dielectric Withstanding Voltage:
 - 1500v DC rms/power blade; 500v DC rms/signal pin.
 - Insulation Resistance:
 - 5000 MΩ min/Power blade; 500 MΩ min/Signal Pin.
- Mechanical Performance:
 - Insertion Force: 19.6N (2.0kgf) max./Per Pair;
 - Withdrawal Force: 4.5~11N (0.4~1.2kgf)/Per Pair;
 - Durability Life: 10,000 cycles. max.
- IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
- Operating Temperature rang: -40~125°C.
- All parts RoHS and Reach compliant.
- ※ See SPS-PDC-06 for Terminal details.

Part Number: PDC1720F0001

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

SIZE	UNITS
A4	mm[only]

PART NO.

PDC1720F0001

APPROVED BY

Henry

CHECKED BY

Poplar

DRAWN BY

Kaylee

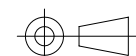
Prolanv®

TITLE

EN60A series | Power Male.
6PW+12S, Straight Type

DWG NO.

PDC17-20



SHEET

1 / 2

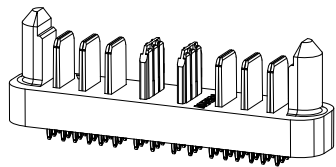
SCALE

1:1

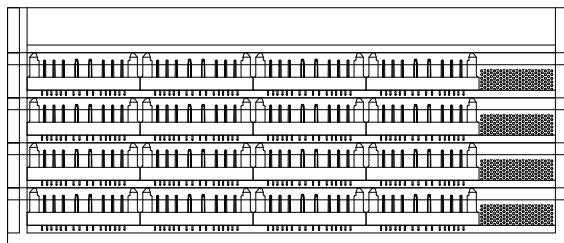
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B3

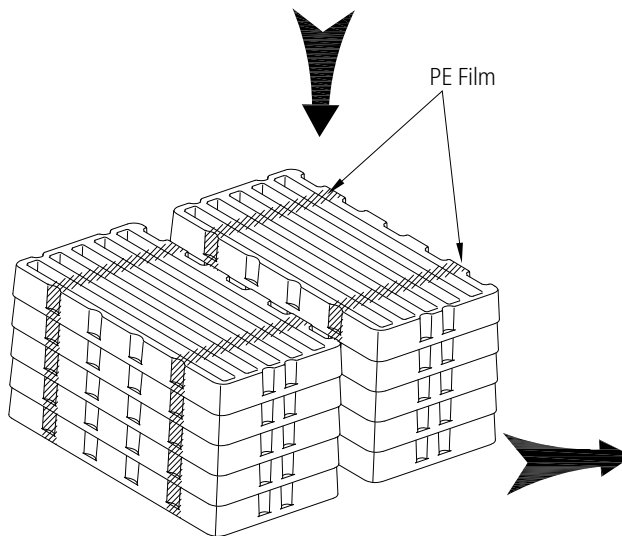
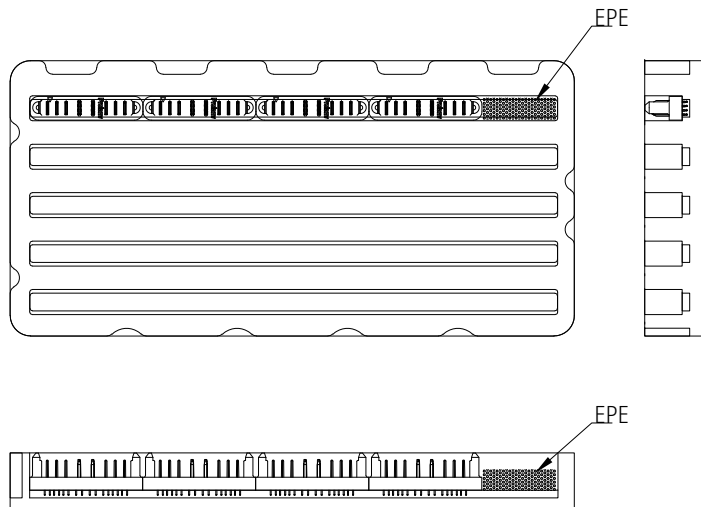
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20Pcs/Tray

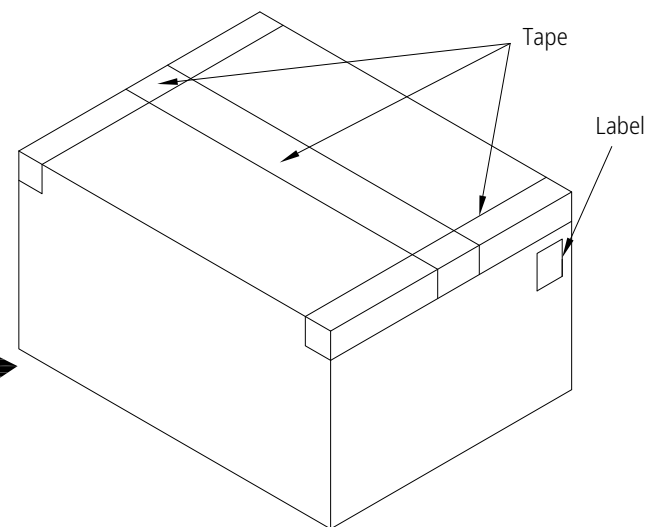


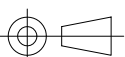
Total: 2x4 Layers



Notes:

1. Q'ty: 20Pcs/Tray, 2x4Layers=160Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.



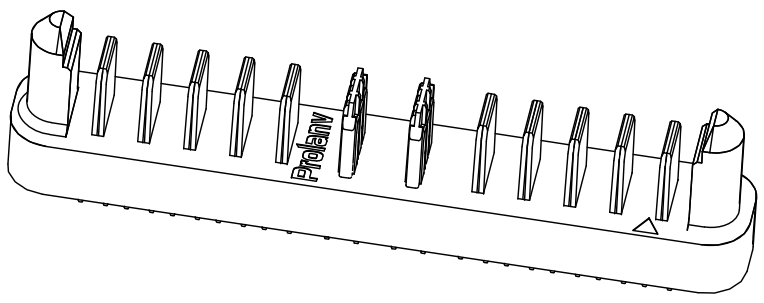
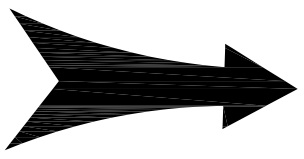
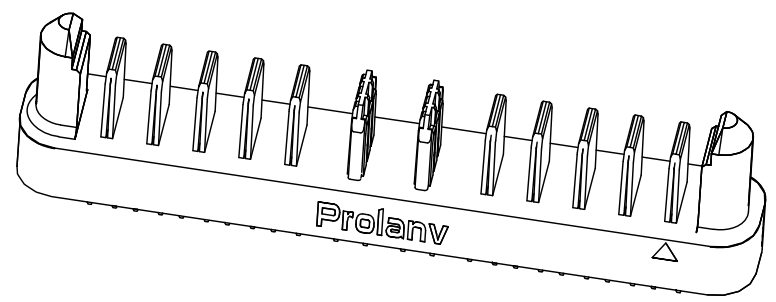
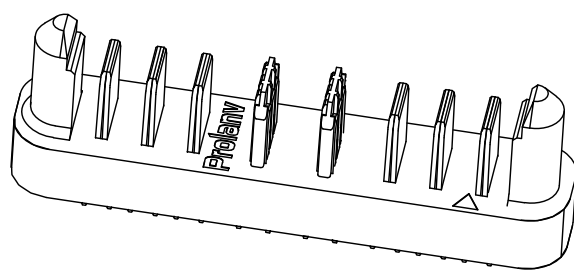
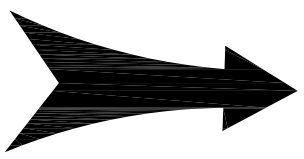
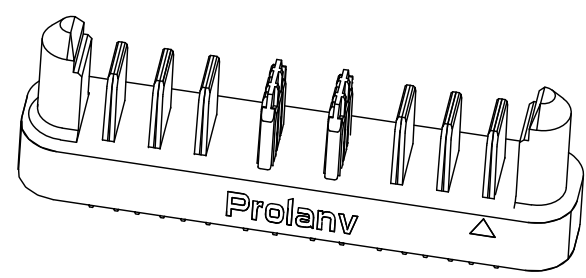
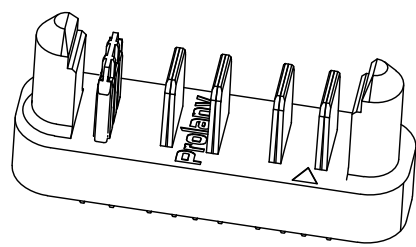
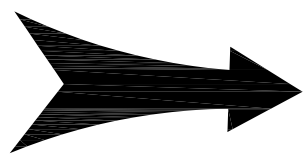
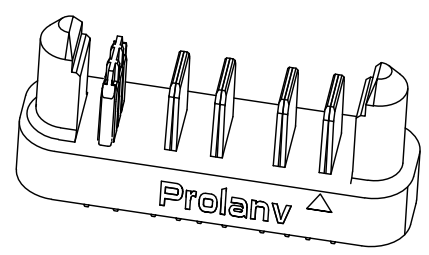
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv and SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		Prolanv®			
	X± 0.30	X°± 3°	PDC1720F0001					
	.XX± 0.20	.X°± 2°	APPROVED BY		TITLE EN60A series Power Male. 6PW+12S, Straight Type, Packaging			
	.XXX± 0.05	.XX°± 1°	Henry					
	CUSTOMER DRAWING		CHECKED BY		DWG NO. P-PDC17-20			
			Poplar					
	SIZE		UNITS	DRAWN BY				
A4		mm[only]	Kaylee		SHEET			
					2 / 2N/AA3			

1 2 3 4 5 6 7 8

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F
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EN60A series marks upgraded



1 2 3 4 5 6 7 8