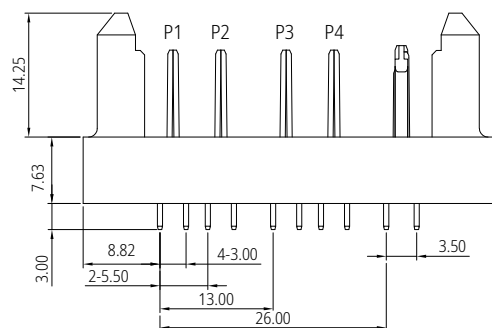
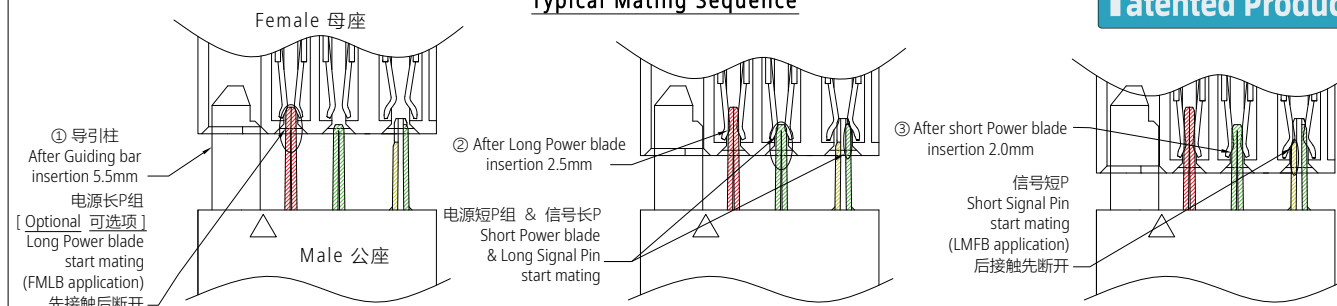
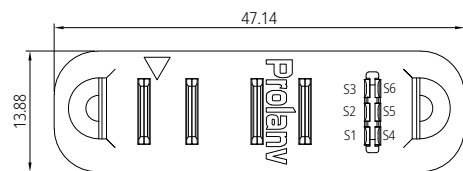
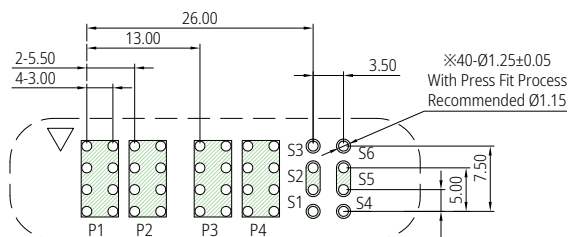


3D View

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.



(With Solder Process)
Recommended P.C.B layout (Top View)
Tolerance ±0.05

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

THIS DRAWING AND SPECIFICATION ARE THE
PROPERTY OF Prolanv AND SHALL NOT BE COPIED
OR USED WITHOUT Prolanv PERMISSION

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

APPROVED BY
Henry

CHECKED BY
Poplar

DRAWN BY
Kaylee

Prolanv®

TITLE
EN60A series | Power Male.
4PW+6S, Straight Type

DWG NO.
PDC01-20

SHEET	SCALE	REV
1 / 2	1:1	B3

F

E

D

C

B

A

F

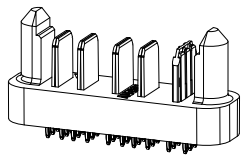
E

D

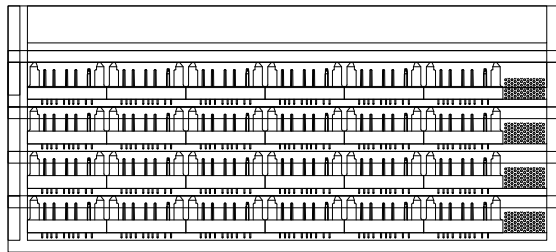
C

B

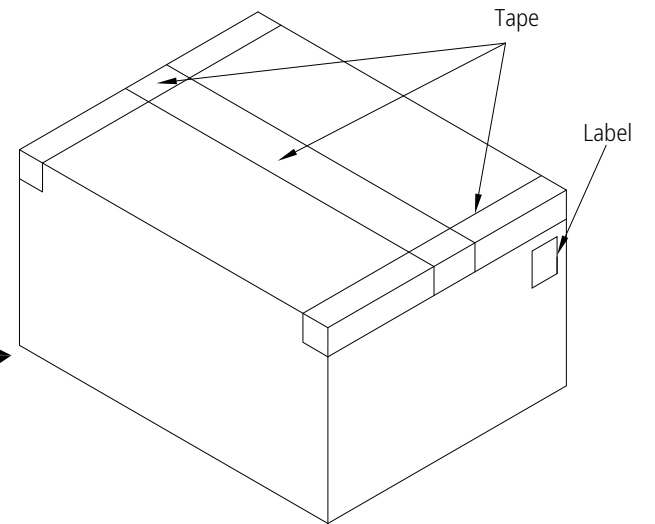
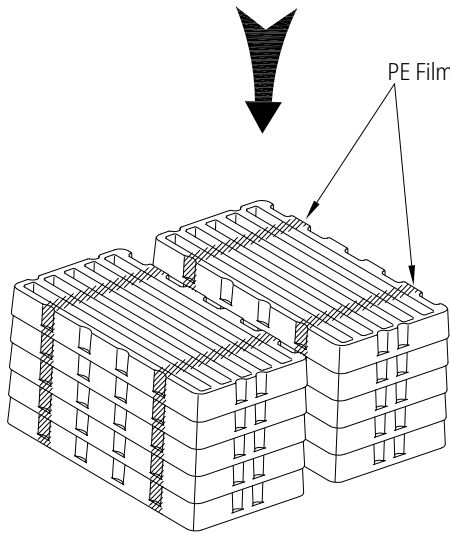
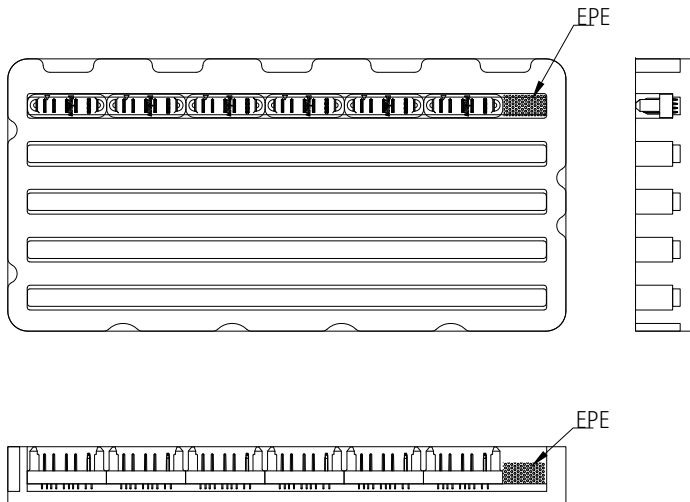
A



30 Pcs/Tray



Total: 2x4 Layers



Notes:

1. Q'ty: 30Pcs/Tray, 2x4Layers=240 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.

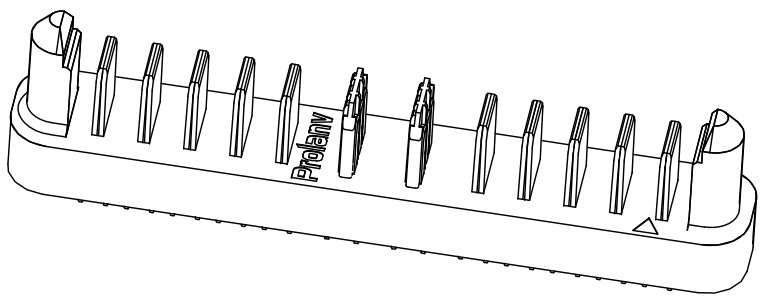
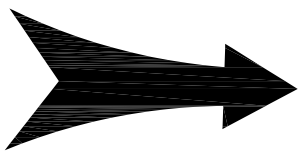
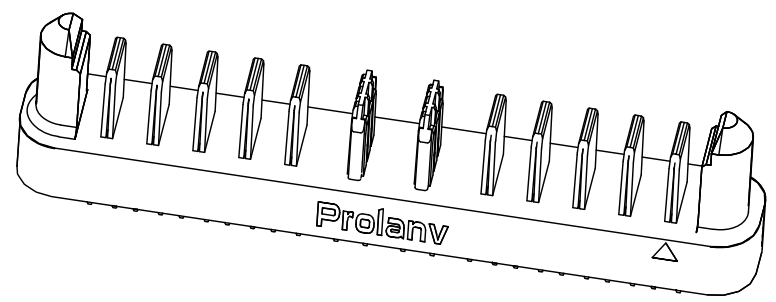
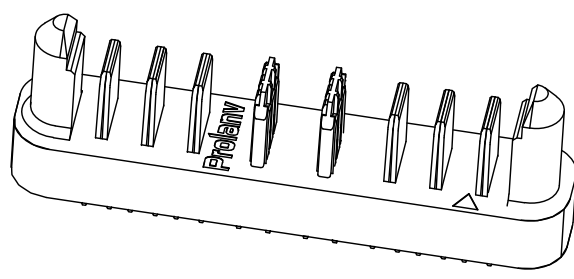
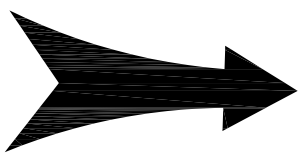
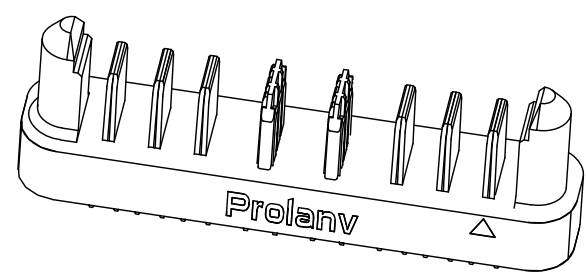
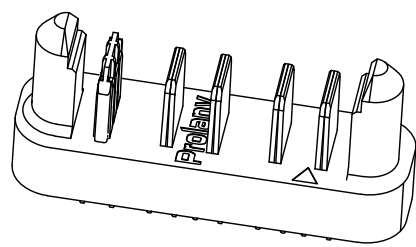
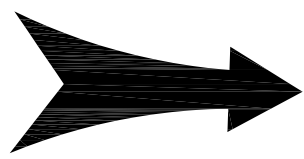
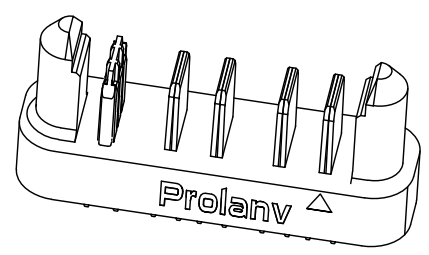
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		Prolanv®			
	X± 0.30	X°± 3°	PDC0120F0001					
	.XX± 0.20	.X°± 2°	APPROVED BY		TITLE EN60A series Power Male. 4PW+6S, Straight Type. Packaging			
	.XXX± 0.05	.XX°± 1°	Henry					
	CUSTOMER DRAWING		CHECKED BY		DWG NO. P-PDC01-20			
			Poplar					
	SIZE		UNITS	DRAWN BY				
	A4		mm[only]	Kaylee				
					SHEET	SCALE	REV	
					2 / 2	N/A	A3	

1 2 3 4 5 6 7 8

F
E
D
C
B
A

F
E
D
C
B
A

EN60A series marks upgraded



1 2 3 4 5 6 7 8