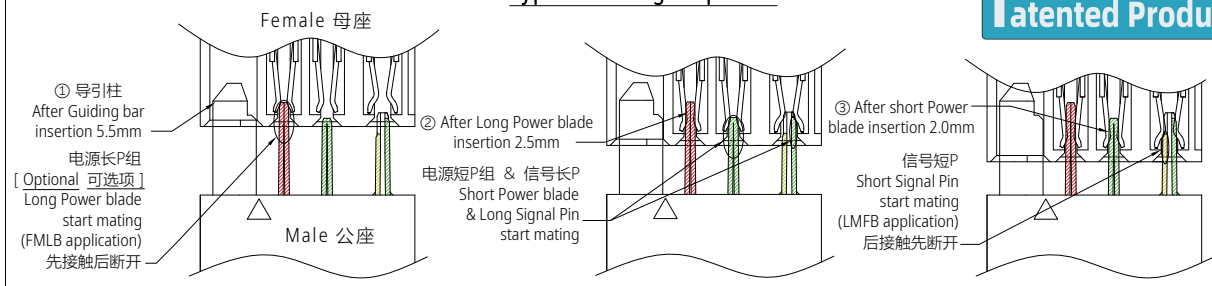


Typical Mating Sequence



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 Pin, 120v DC/Signal Pin.
 - Current Rating: 60A/per Power Blade, 3A/ per Signal Pin.
 - LLCR: initial 0.6mΩ max., finished 1.0mΩ maximum change (per Power Blade), initial 10mΩ max., finished 20mΩ max.(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 (2.0 kgf) max./Per Pair.
 - Withdrawal force: 4.5N~11N (0.4~1.2 kgf)/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 Range: -40~125°C.
- All parts RoHS and Reach compliant.
- ※ See SPS-PDC-06 for Terminal details.

3D View

Part Number: PDC1920F0001

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.

PDC1920F0001

APPROVED BY

Henry

CHECKED BY

Poplar

DRAWN BY

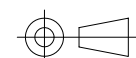
Kaylee

TITLE

EN60A series | Power Male.
8PW+6S, Straight Type

DWG NO.

PDC19-20



SHEET	SCALE	REV
1 / 2	1:1	B3

F

E

D

C

B

A

F

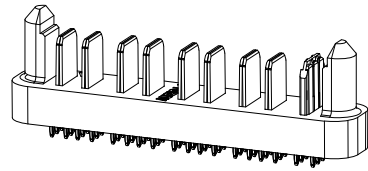
E

D

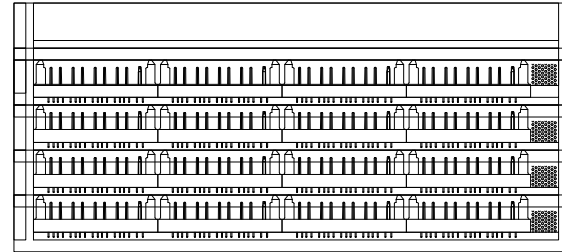
C

B

A



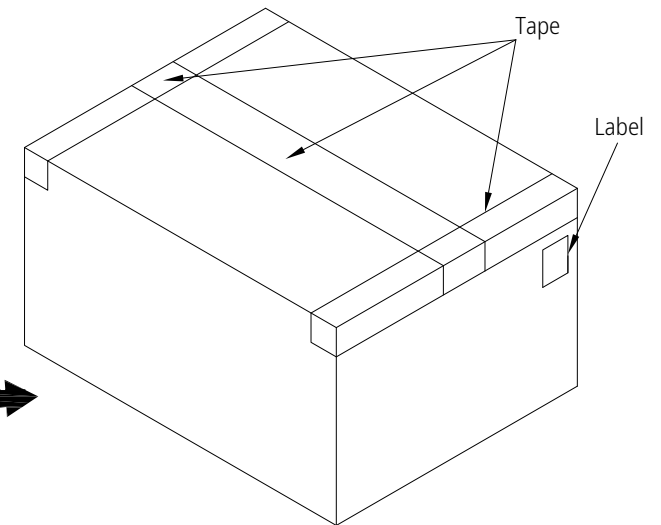
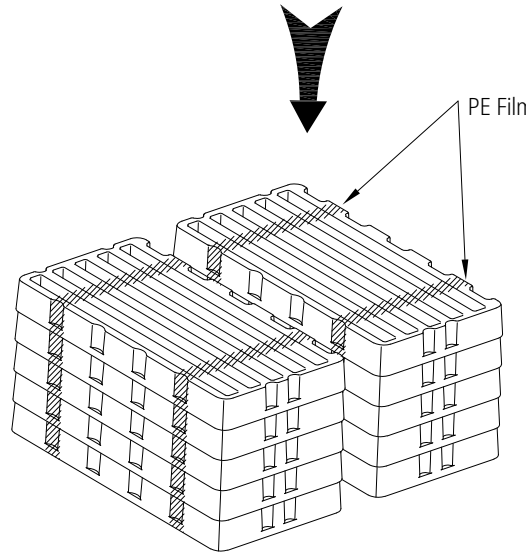
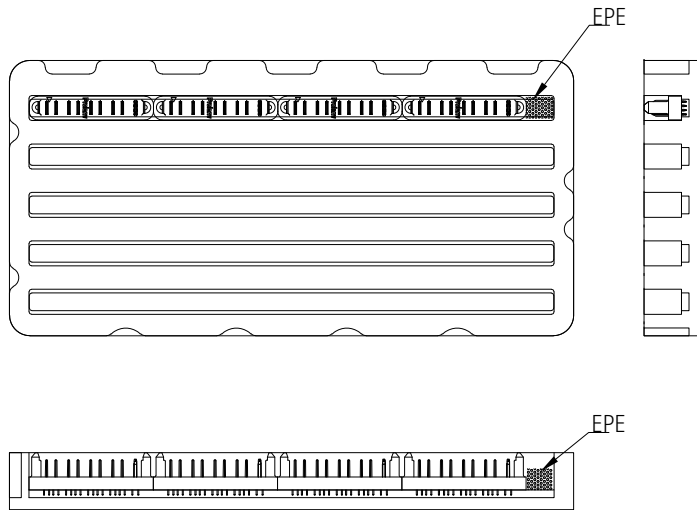
20Pcs/Tray

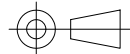


Total: 2x4 Layers

Notes:

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



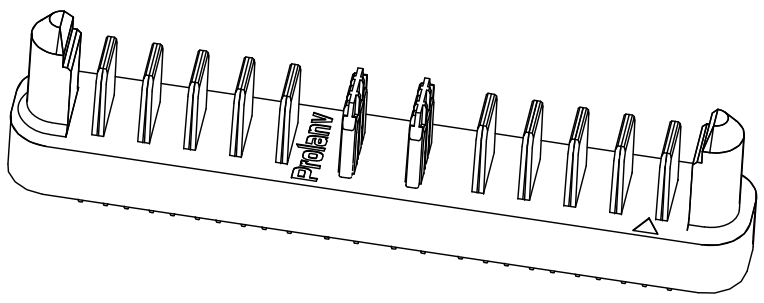
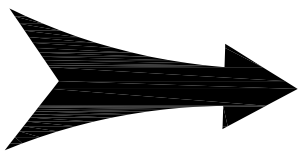
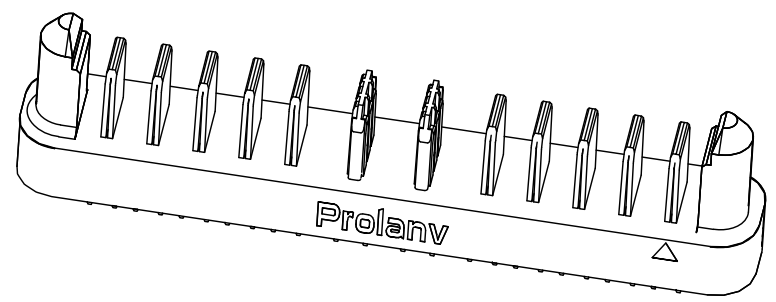
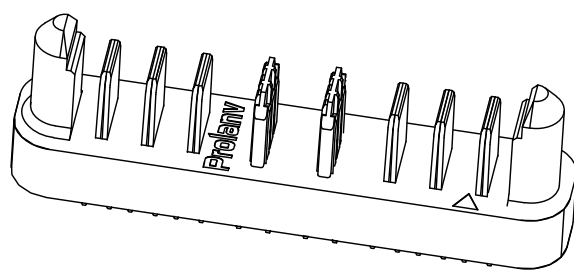
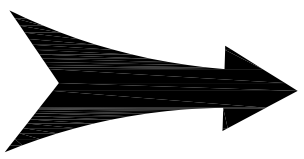
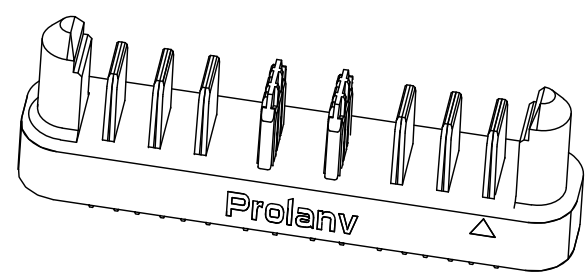
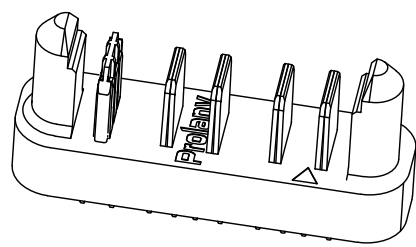
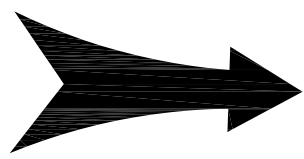
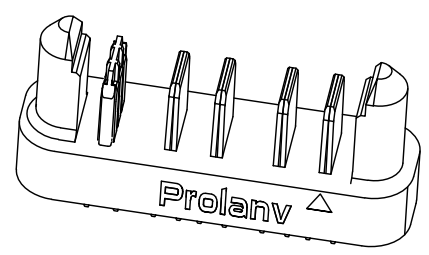
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC1920F0001	Prolanv® TITLE EN60A series Power Male. 8PW+6S, Straight Type, Packaging		
	X± 0.30	X°± 3°				
	.XX± 0.20	.X°± 2°	APPROVED BY Henry	DWG NO. P-PDC19-20		
	.XXX± 0.05	.XX°± 1°				
	CUSTOMER DRAWING		CHECKED BY Poplar			
	SIZE A4	UNITS mm[only]	DRAWN BY Kaylee			
				SHEET 2 / 2	SCALE N/A	REV A3

1 2 3 4 5 6 7 8

F
E
D
C
B
A

F
E
D
C
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A

EN60A series marks upgraded



1 2 3 4 5 6 7 8