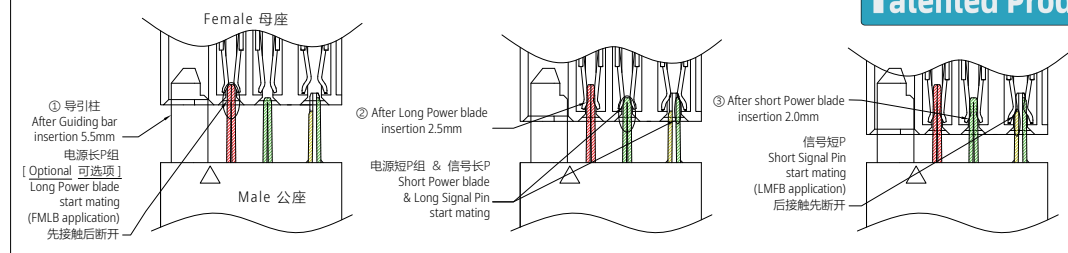
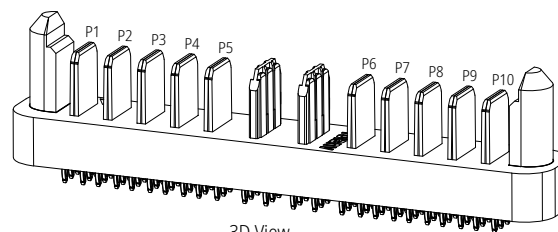
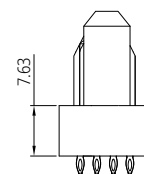
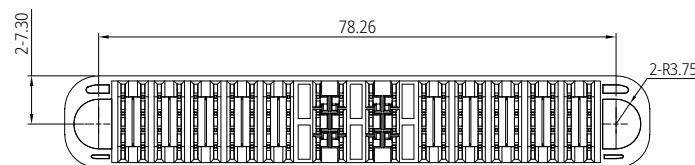
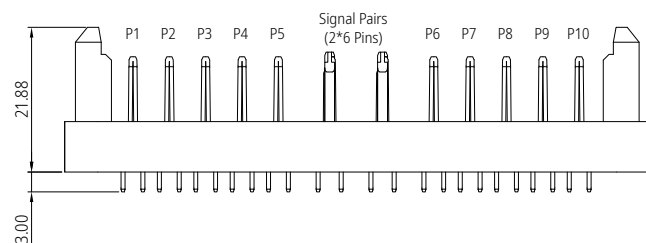
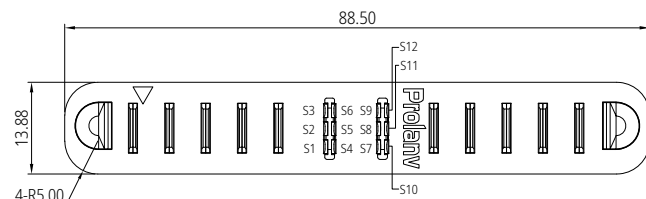


Typical Mating Sequence

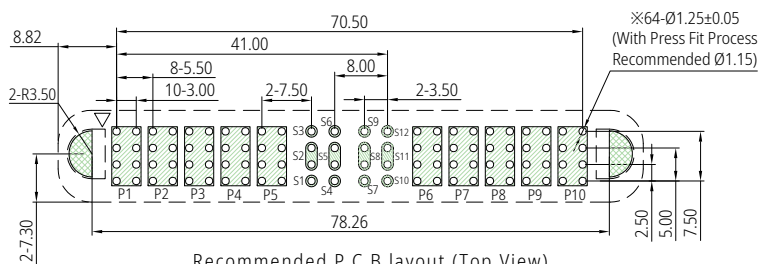


Notes:

- Material Specification:
 - 1-1. Housing: High Temperature Thermoplastic. UL94 V-0, Black;
 - 1-2. Contact: High Conductivity Copper Alloy;
 - 1-3. Metal Rod: Alloy.
- 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.
- 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.
- 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.
- 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.



3D View



Recommended P.C.B layout (Top View)

Tolerance ±0.05

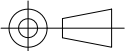
Part Number: PDC2120F0003

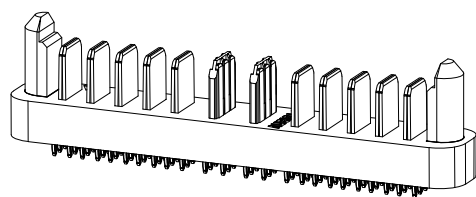
Optional Long Power blade
可选项 长电源P组数 | Pairs
Code: 1~9 & A~C
Long Power blade
长电源P组 | 起始位
Start location code: 1~9 & A~C
Long Power blade
长电源P组 | 终止位
End location code: 1~9 & A~C

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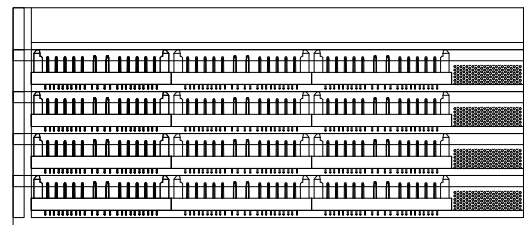
GENERAL TOLERANCES UNLESS SPECIFIED	
X± 0.30	X°± 3°
XX± 0.20	X°± 2°
XXX± 0.05	XX°± 1°
CUSTOMER DRAWING	
SIZE	UNITS
A4	mm[only]

PART NO.	
PDC2120F0003	
APPROVED BY	
Henry	
CHECKED BY	
Poplar	
DRAWN BY	
Kaylee	

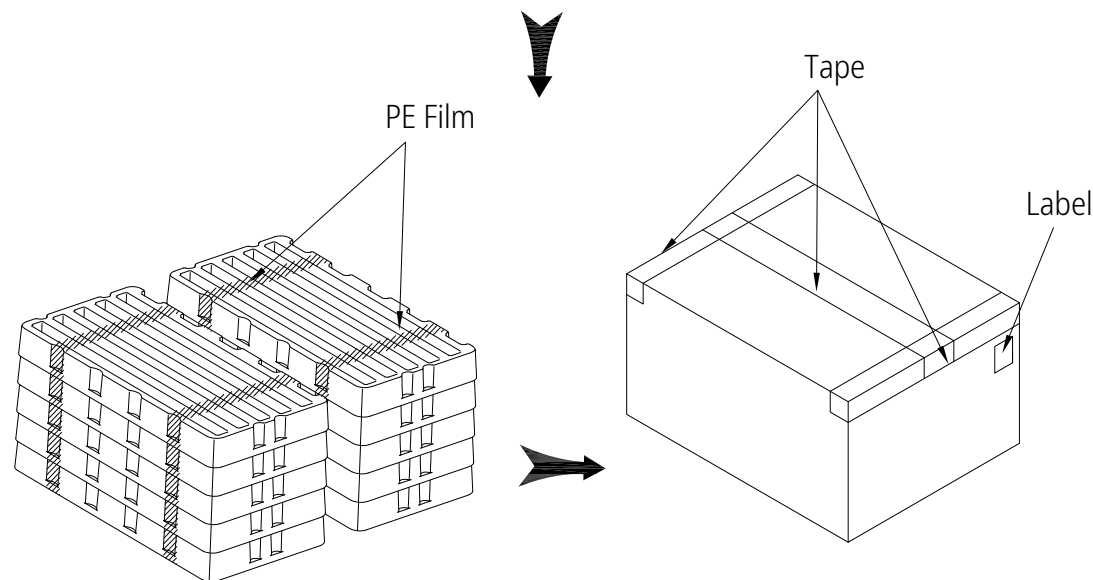
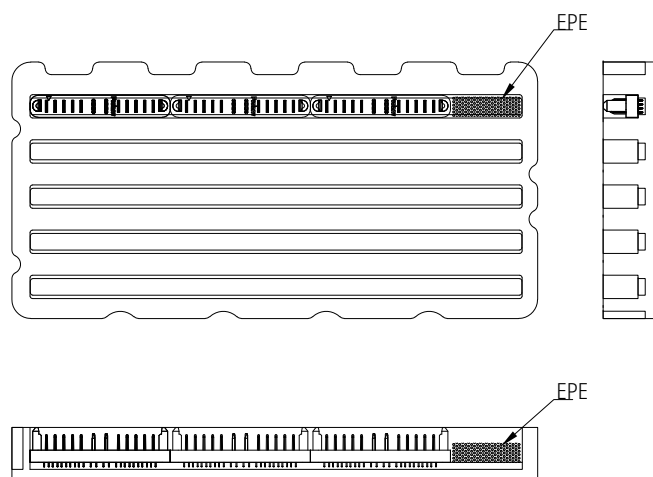
Prolanv®			
TITLE EN60A series Power Male. 10PW+12S, Straight Type			
DWG NO. PDC21-23			
	SHEET	SCALE	REV
	1 / 2	1:1	A2



15pcs/Tray

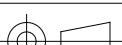


Total 2*4 Layers



Notes:

1. Q'ty: 15Pcs/Tray, 2x4 Layers=120 Pcs/Carton.
2. Tray Pallet size: 332*162*17mm.
3. Carton size: 350*350*155mm.

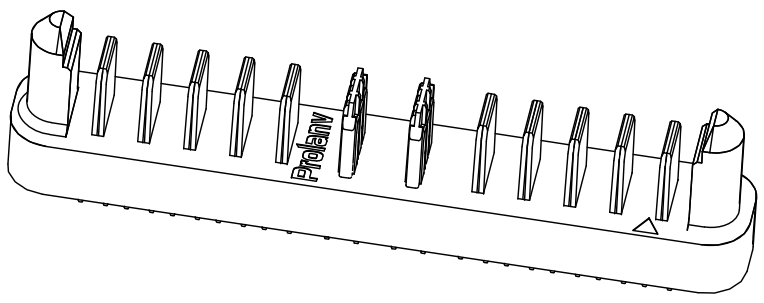
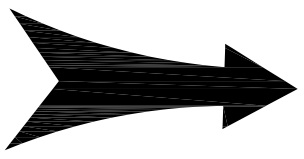
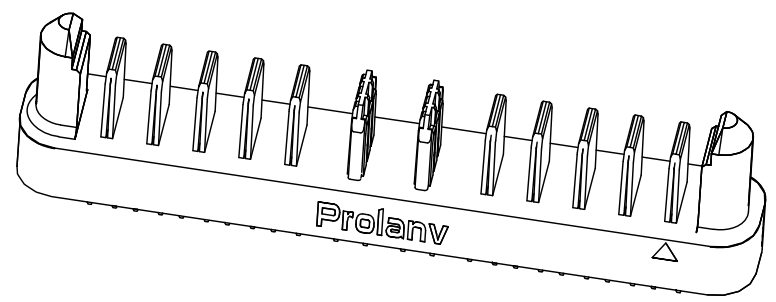
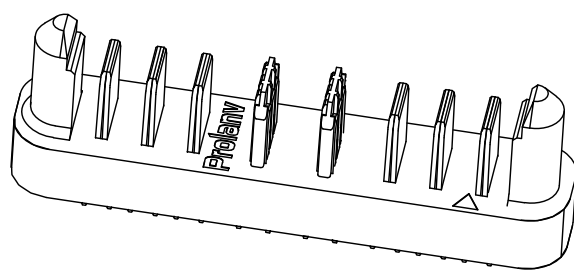
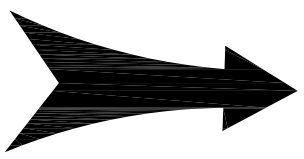
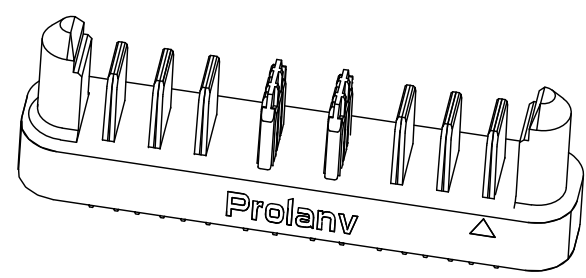
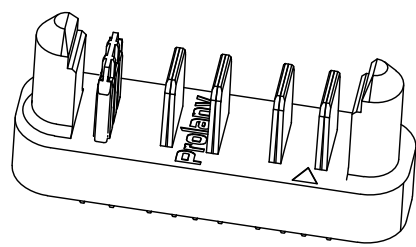
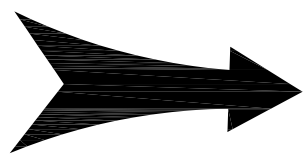
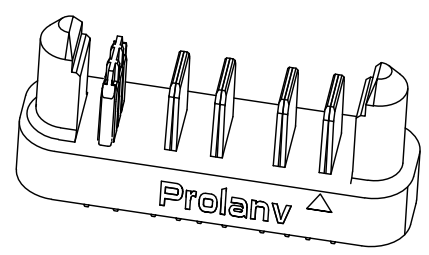
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®		
	X± 0.20	X°± 3°	PDC2120F0003			
	XX± 0.10	X°± 2°	APPROVED BY	TITLE EN60A series Power Male. 10PW+12S, Straight Type Packaging		
	XXX± 0.05	XX°± 1°	Henry			
	CUSTOMER DRAWING		CHECKED BY	DWG NO. P-PDC21-23		
			Poplar			
	SIZE	UNITS	DRAWN BY			
A4	mm[only]	Kaylee	SHEET			
			2 / 2	NA	A2	

1 2 3 4 5 6 7 8

F
E
D
C
B
A

F
E
D
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A

EN60A series marks upgraded



1 2 3 4 5 6 7 8