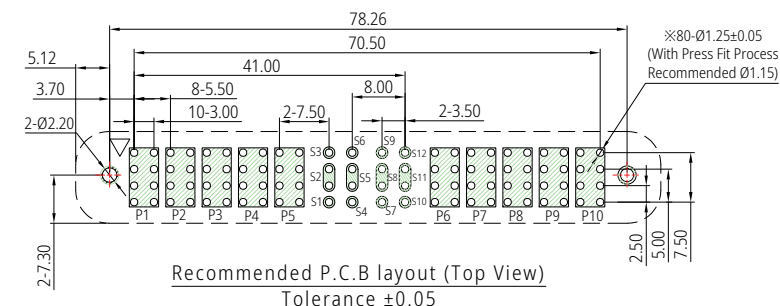
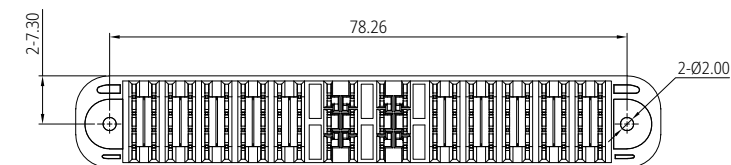
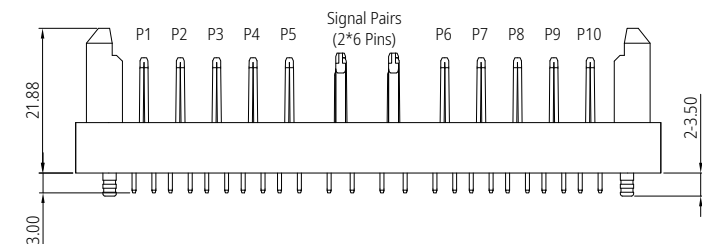
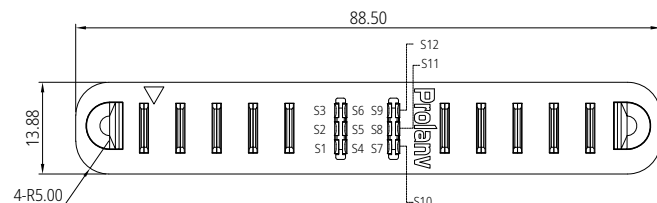
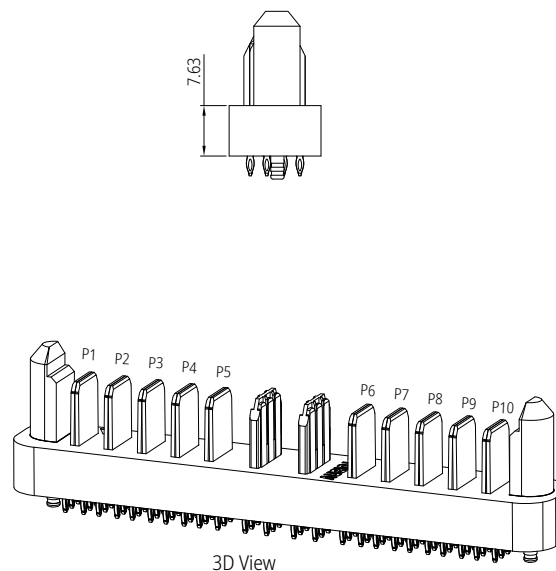




Recommended P.C.B layout (Top View)
Tolerance ± 0.05



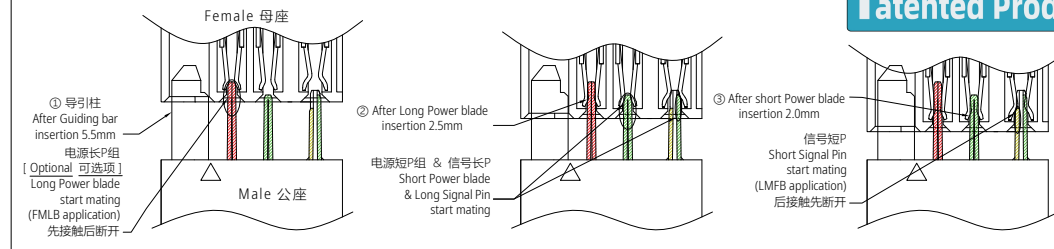
Part Number: PDC2120F0002

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

Typical Mating Sequence



Notes:

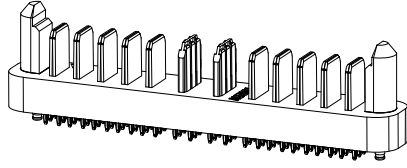
- Material Specification:
 - Housing: High Temperature Thermoplastic. UL94 V-0, Black;
 - Contact: High Conductivity Copper Alloy;
 - Metal Rod: Alloy.
- Plating Specification:
 - Contact: Gold plating on Contact area, Matte Tin 80μ min. on Tails, and 80μ min. Nickel overall;
 - Metal Rod: Nickel overall.
- 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 $0.6m\Omega$ max., finished $1.0m\Omega$ maximum change.(per pair power blade);
 - initial $10m\Omega$ max., finished $20m\Omega$ maximum change.(per signal pin).
 - Dielectric Withstanding Voltage:
 - 1500v DC rms/power blade; 500v DC rms/signal pin.
 - Insulation Resistance:
 - 5000 M Ω min/Power blade; 500 M Ω 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 $260\pm 5^\circ\text{C}$.
- Operating Temperature rang: $-40\sim 125^\circ\text{C}$.
- All parts RoHS and Reach compliant.
- See SPS-PDC-06 for Terminal details.

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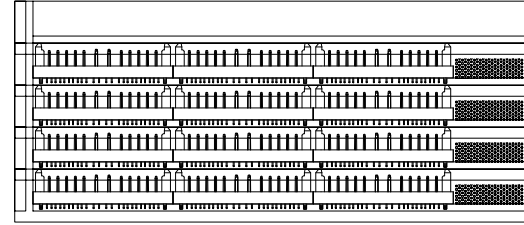
GENERAL TOLERANCES UNLESS SPECIFIED	
X $\pm$ 0.30	X° $\pm$ 3°
XX $\pm$ 0.20	X° $\pm$ 2°
XXX $\pm$ 0.05	XX° $\pm$ 1°

PART NO.	PDC2120F0002
APPROVED BY	Henry
CHECKED BY	Poplar
DRAWN BY	Kaylee

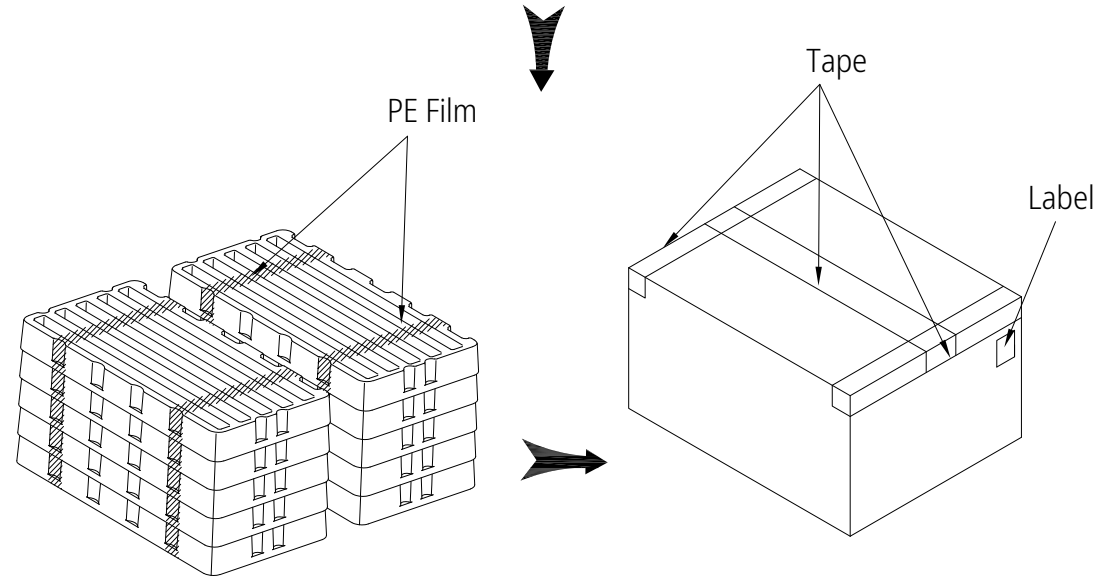
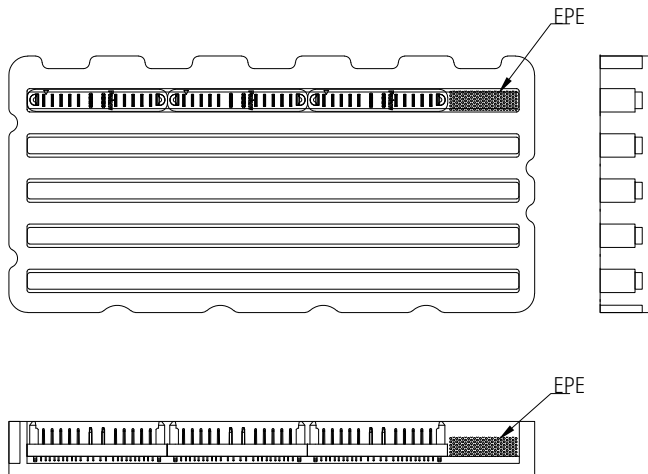
Prolanv®	
TITLE	EN60A series Power Male. 10PW+12S, Straight Type
DWG NO.	PDC21-22
SHEET	1 / 2
SCALE	1:1
REV	A2



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.

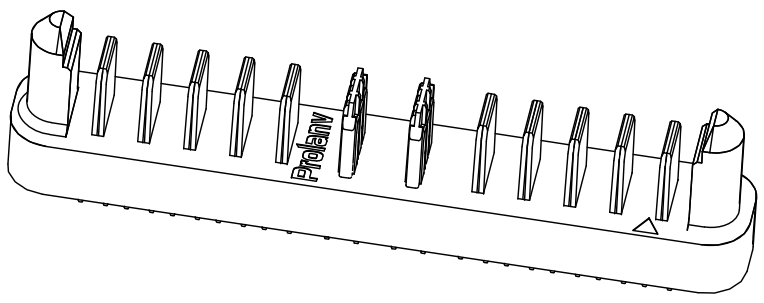
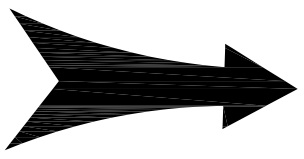
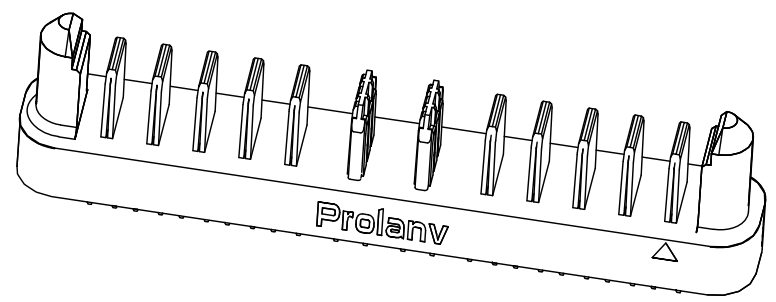
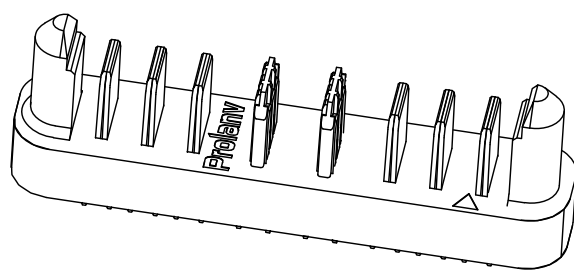
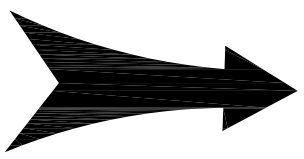
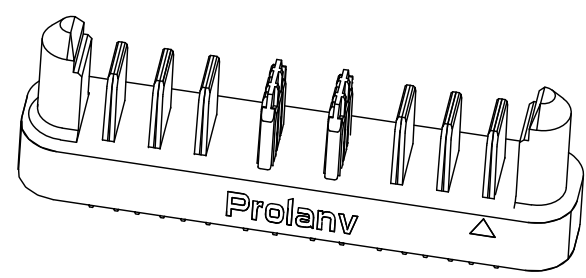
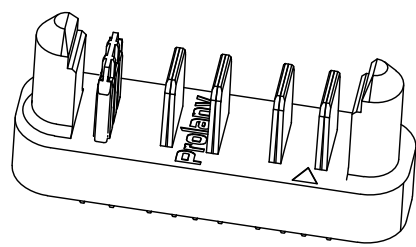
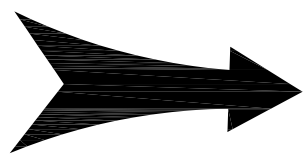
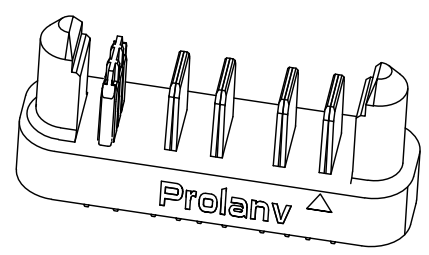
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®			
	X± 0.20	X°± 3°	PDC2120F0002				
	XX± 0.10	X°± 2°	APPROVED BY	EN60A series Power Male. 10PW+12S, Straight Type Packaging			
	XXX± 0.05	.XX°± 1°	Henry				
	CUSTOMER DRAWING		CHECKED BY	P-PDC21-22			
			Poplar				
SIZE		UNITS	DRAWN BY		SHEET	SCALE	REV
A4		mm[only]	Kaylee		2 / 2	NA	A2

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