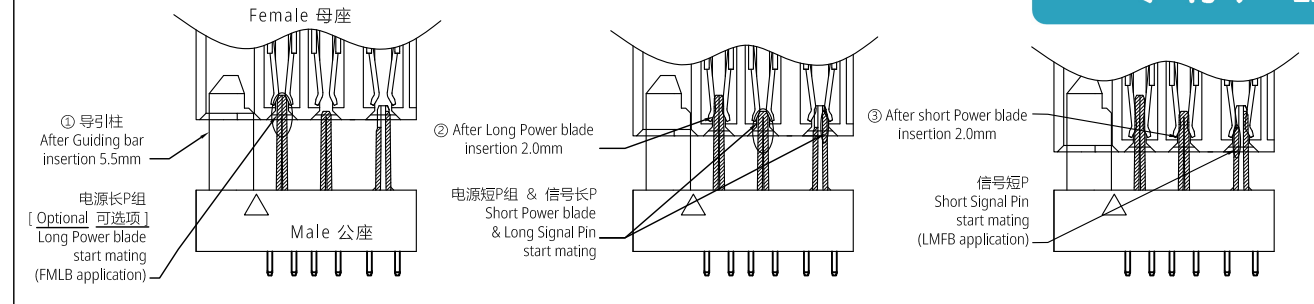


Patented product
专利产品

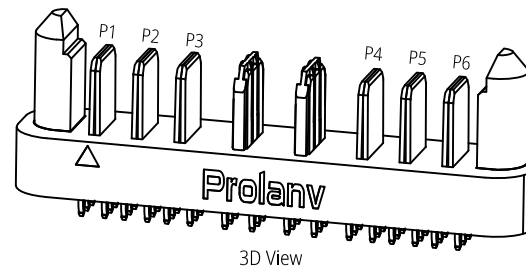
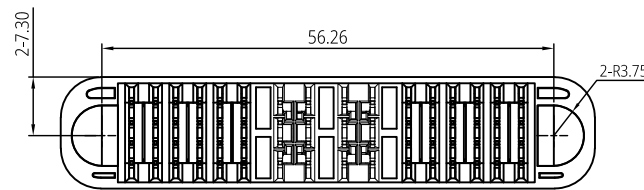
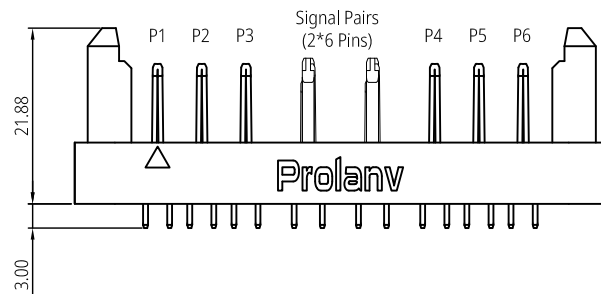
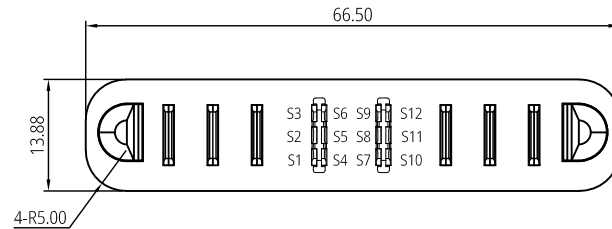
Typical Mating Sequence



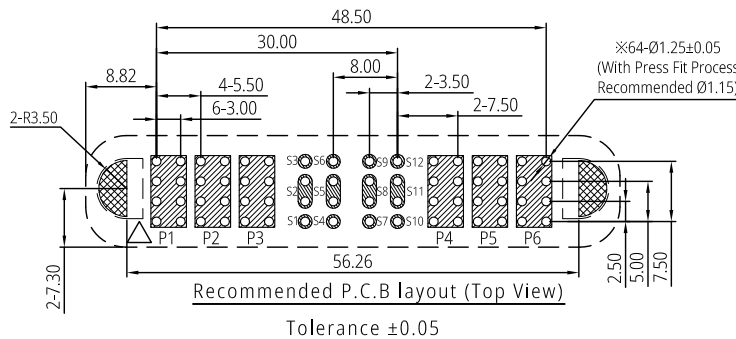
Notes:

- 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 50µ" 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).
 - 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.



3D View



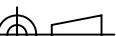
Part Number: PDC1720F0003

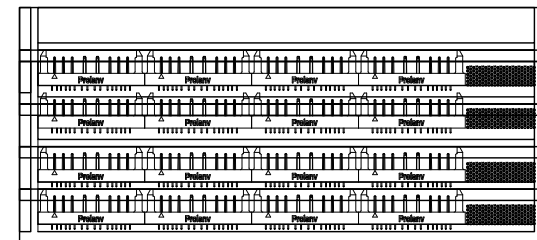
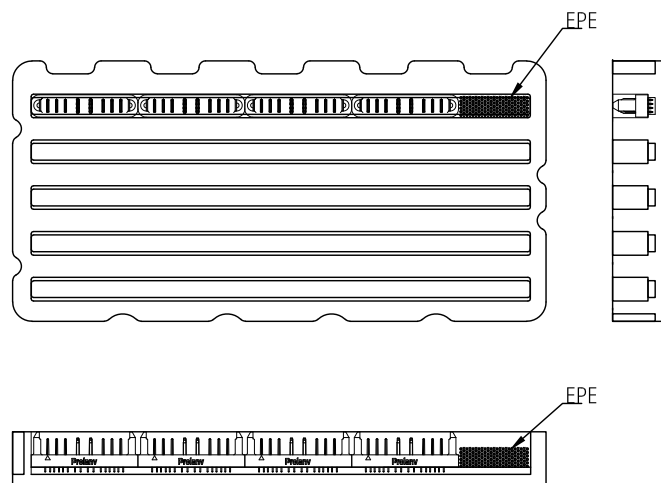
Optional Long Power blade
可选项 长电源P组数 | Pairs
Code: 1~9 & A~C

Long Power blade
长电源P组 | 起始位
Start location code: 1~9 & A~C

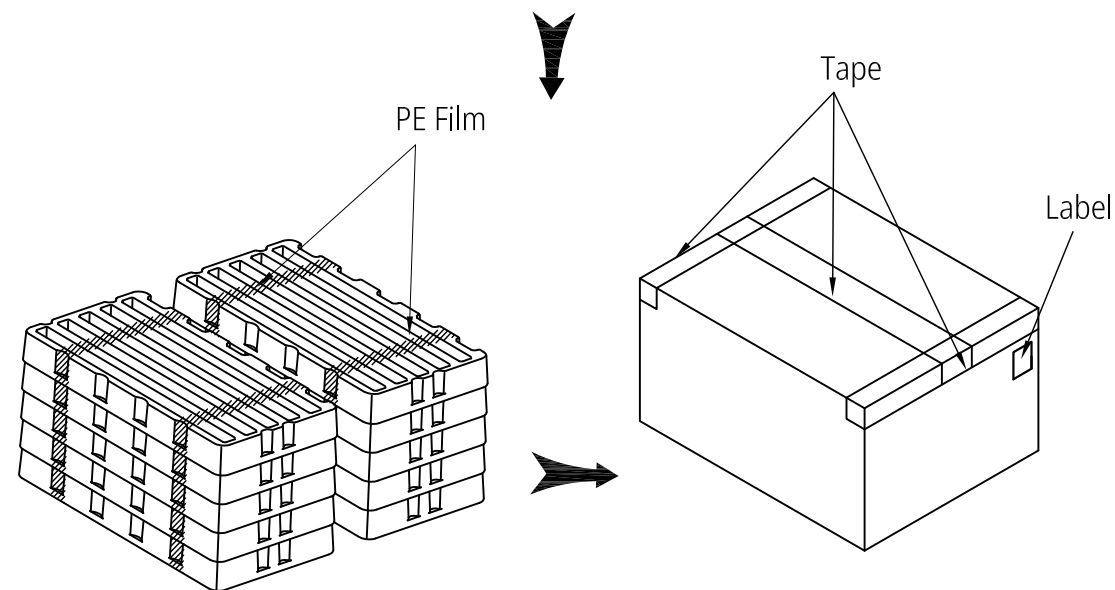
Long Power blade
长电源P组 | 终止位
End location code: 1~9 & A~C

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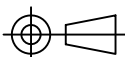
Prolanv® PERMISSION FOR USE WITHOUT DRAWING	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC1720F0003		Prolanv®			
	X± 0.30	X.°± 3°						
	.XX± 0.20	.X°± 2°	APPROVED BY Henry	TITLE EN60A series Power Male. 6PW+12S, Straight Type				
	.XXX± 0.05	.XX°± 1°						
	CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. PDC17-23				
	SIZE	UNITS	DRAWN BY Kaylee		SHEET	SCALE	REV	
	A4	mm[only]			1 / 2	1:1	A0	



Total 2*4 Layers



1. Q'ty: 20Pcs/Tray, 2x4 Layers=160 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®		
	$X \pm 0.20$	$X^{\circ} \pm 3^{\circ}$	PDC1720F0003				
	$.XX \pm 0.10$	$X^{\circ} \pm 2^{\circ}$	APPROVED BY		TITLE EN60A series Power Male. 6PW+12S, Straight Type Packaging		
	$.XXX \pm 0.05$	$.XX^{\circ} \pm 1^{\circ}$	Mike				
	ENGINEERING DRAWING		CHECKED BY		DWG NO. P-PDC17-23		
			Henry				
	SIZE	UNITS	DRAWN BY				
A4	mm[only]	Poplar		SHEET			
				2 / 2	NA	A0	