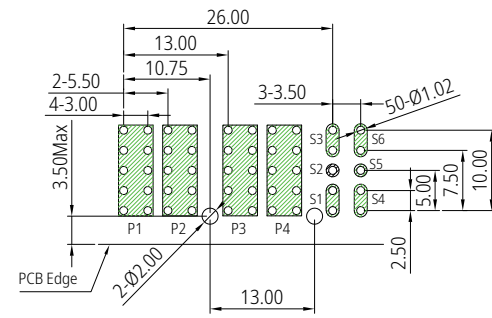
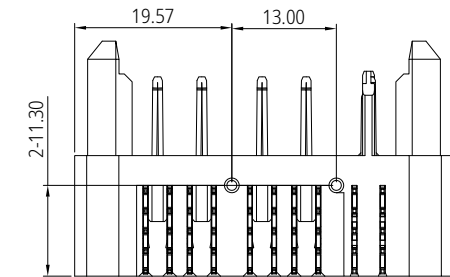
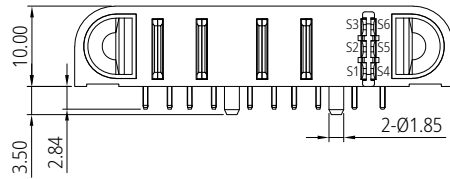
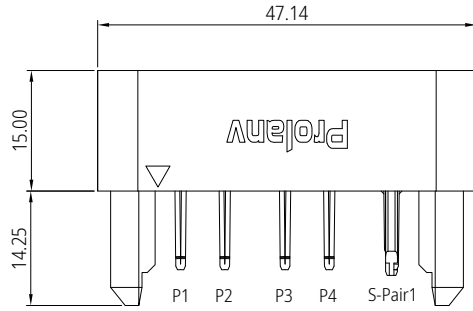
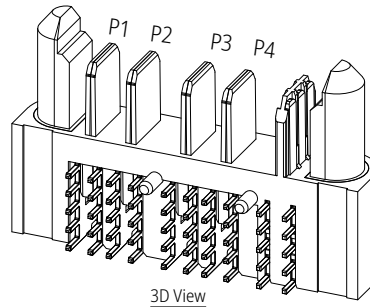
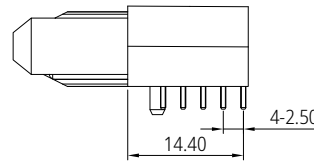




Recommended P.C.B layout (Top View)
Tolerance ± 0.05



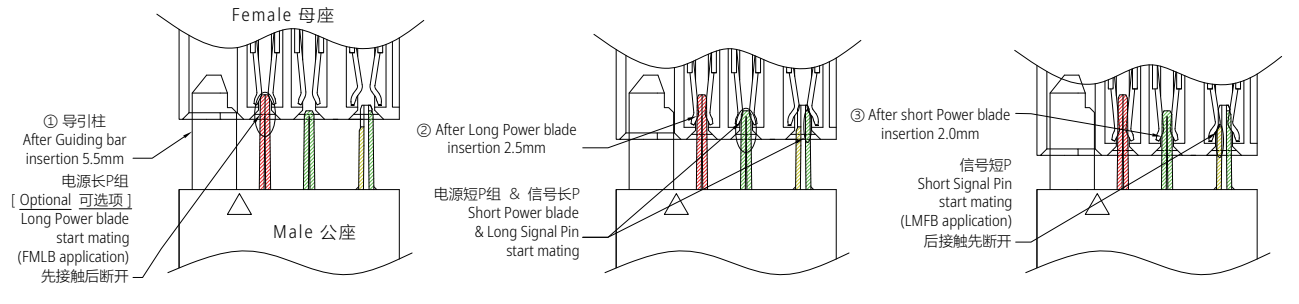
Part Number: PDC0110F0003

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:

1. Material Specification:

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

2. 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.

3. 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 0.6m Ω max., finished 1.0m Ω maximum change.(per pair power blade);
initial 10m Ω max., finished 20m Ω 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 M Ω min/Power blade; 500 M Ω min/Signal Pin.

4. 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.

5. IR Reflow:

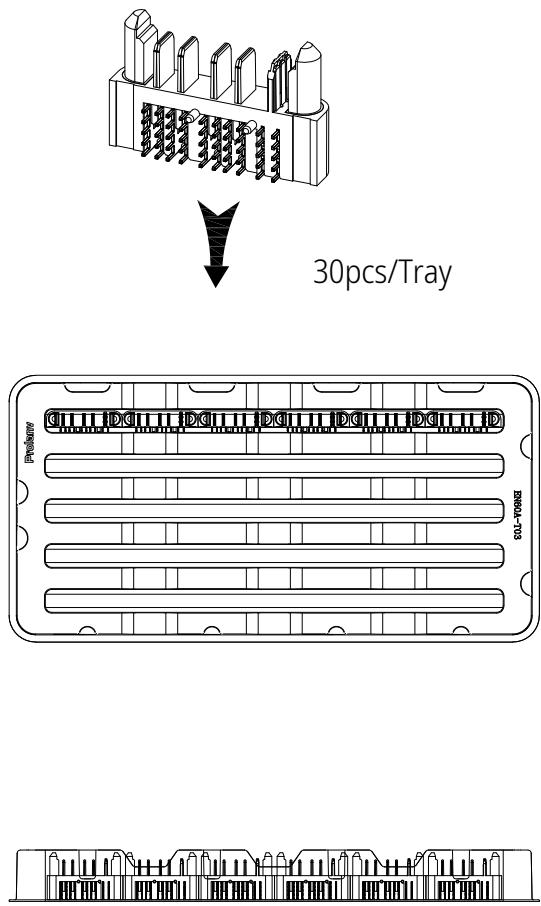
- The peak temperature on board shall be maintained for 10 seconds at $260\pm 5^\circ\text{C}$.

6. Operating Temperature rang:

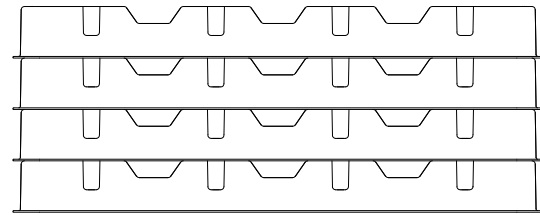
- 40~125 $^\circ\text{C}$.

7. All parts RoHS and Reach compliant.

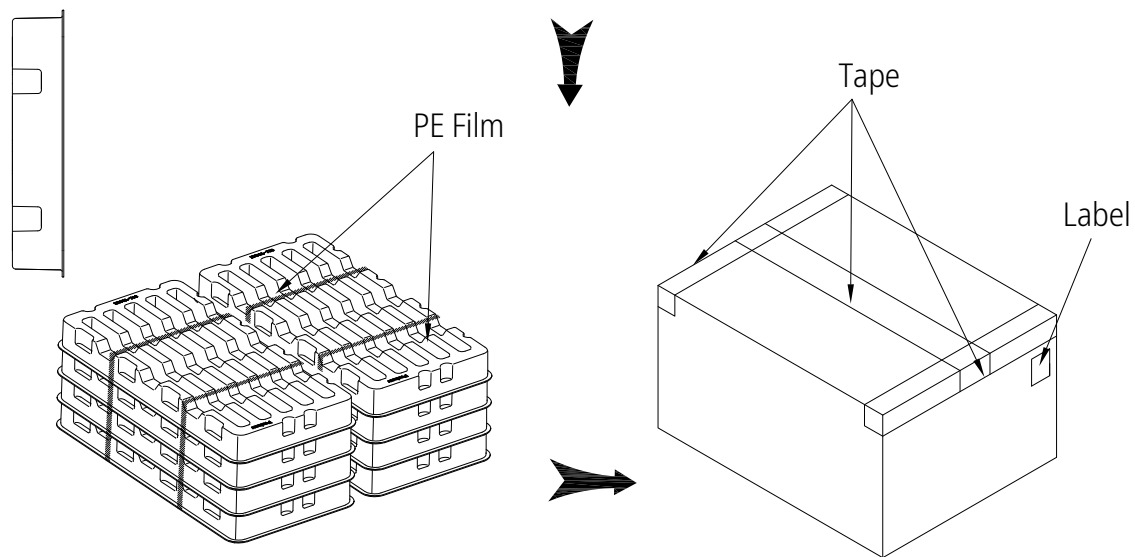
GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®		
X $\pm$	0.30	X° $\pm$	PDC0110F0003		
.XX $\pm$	0.20	.X° $\pm$	APPROVED BY	TITLE	
.XXX $\pm$	0.05	.XX° $\pm$	Henry		
CUSTOMER DRAWING		CHECKED BY	DWG NO.		PDC01-03
SIZE		Poplar			
UNITS		DRAWN BY	SHEET		SCALE
A4		Kaylee			
			1 / 2		REV



30pcs/Tray

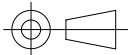


Total 2*3 Layers



Notes:

1. Q'ty: 30Pcs/Tray, 2x3 Layers=180 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°	PDC0110F0003			
	.XX± 0.10	.X°± 2°	APPROVED BY	TITLE EN60A series Power Male 4PW+6S, R/A DIP Type, Packaging		
	.XXX± 0.05	.XX°± 1°	Henry			
	CUSTOMER DRAWING		CHECKED BY	DWG NO. P-PDC01-03		
			Poplar			
	SIZE	UNITS	DRAWN BY			
A4	mm[only]	Esther	SHEET 2 / 2			