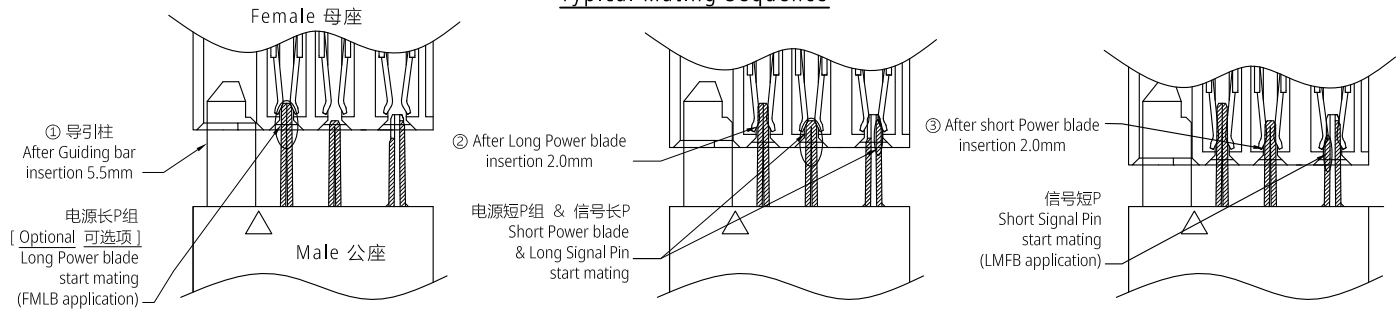


Typical Mating Sequence



Notes:

1. Material Specification:

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

2. Plating Specification:

- 2-1. Contact: Gold plating on Contact area, Matte Tin 80μ" min. on Tails, and 50μ" min. 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).
- 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.

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.

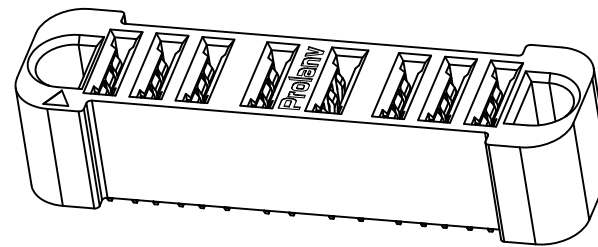
5. IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at 260±5°C.

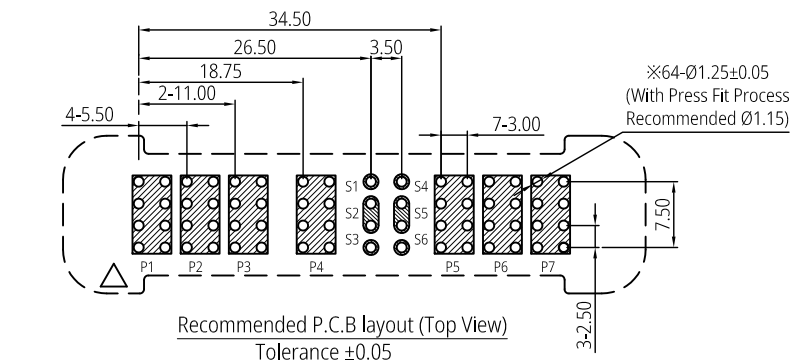
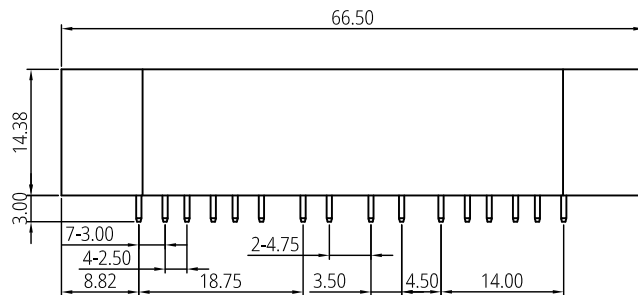
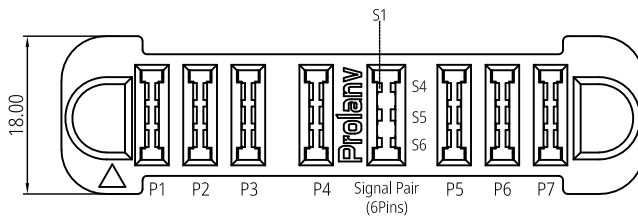
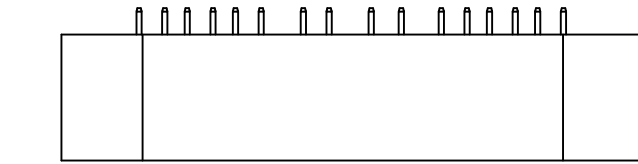
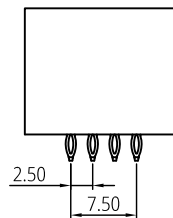
6. Operating Temperature rang: -40~125°C.

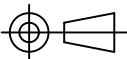
7. All parts RoHS and Reach compliant.

8. ※ See SPS-PDC-06 for Terminal details.



3D View



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 ± 0.30	X° ± 3°	PDC2610F0001			
	.XX ± 0.20	.X° ± 2°	APPROVED BY	TITLE EN60A series Power Female. 7PW+6S, Straight Type		
	.XXX ± 0.05	.XX° ± 1°	Mike			
	CUSTOMER DRAWING		CHECKED BY	DWG NO. PDC26-10		
			Henry			
	SIZE	UNITS	DRAWN BY			
	A4	mm[only]	Poplar			
			1 / 2	1:1	B1	

1 2 3 4 5 6 7 8

F

F

E

E

D

D

C

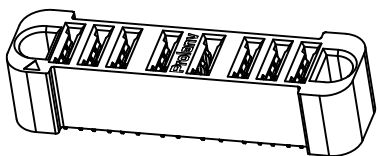
C

B

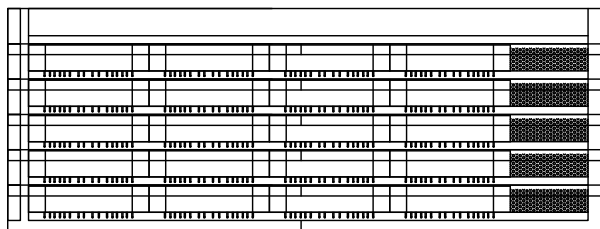
B

A

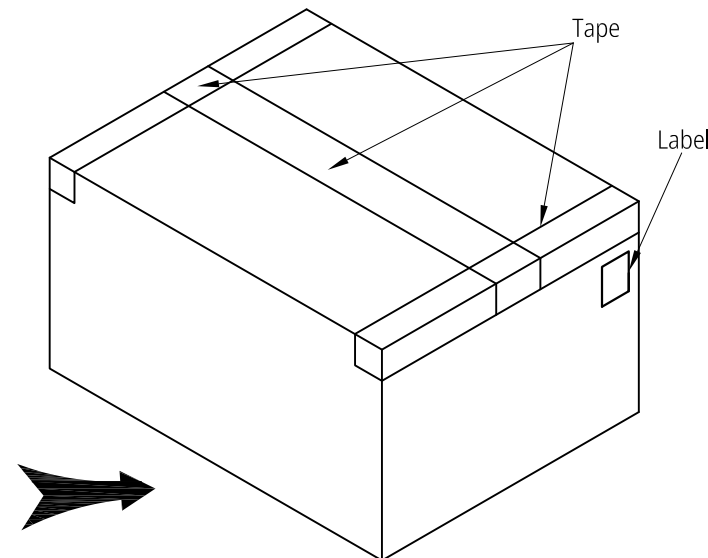
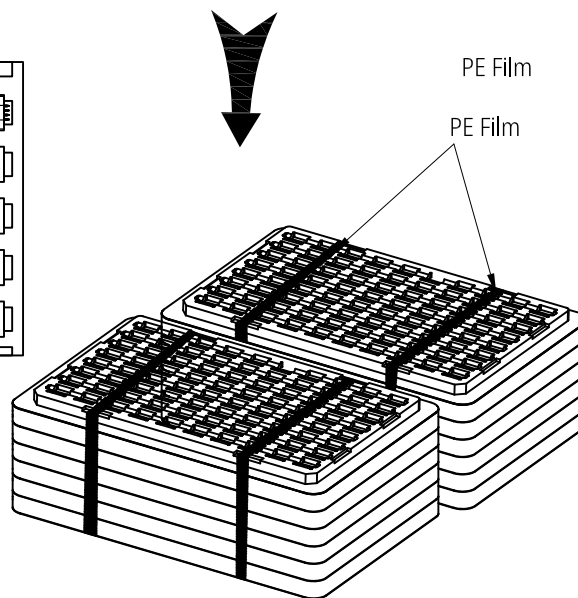
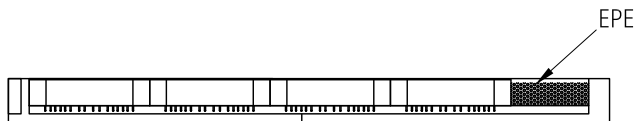
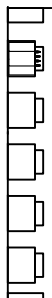
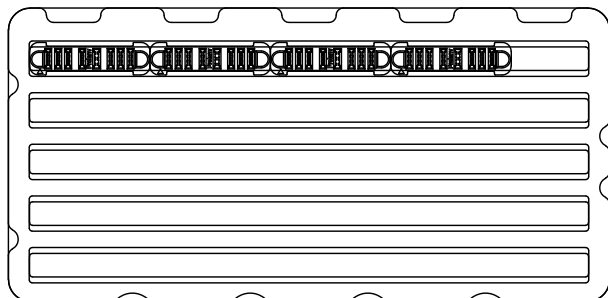
A



20Pcs/Tray

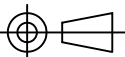


Total: 2x5 Layers



Notes:

1. Q'ty: 20Pcs/Tray, 2x5 Layers=200 Pcs/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. PDC2610F0001		Prolanv®		
	$X \pm 0.30$	$X^{\circ} \pm 3^{\circ}$	APPROVED BY Kysin		TITLE EN60A series Power Female. 7PW+6S, Straight Type, Packaging		
	$.XX \pm 0.20$	$X^{\circ} \pm 2^{\circ}$					
	$.XXX \pm 0.05$	$.XX^{\circ} \pm 1^{\circ}$					
	CUSTOMER DRAWING		CHECKED BY Harry		DWG NO. P-PDC26-10		
	SIZE A4	UNITS mm[only]	DRAWN BY Lucie			SHEET 2 / 2	SCALE N/A

1 2 3 4 5 6 7 8