

F

E

D

C

B

A

F

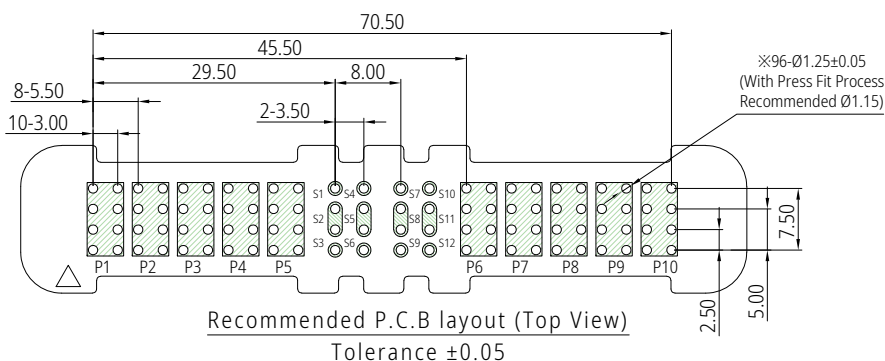
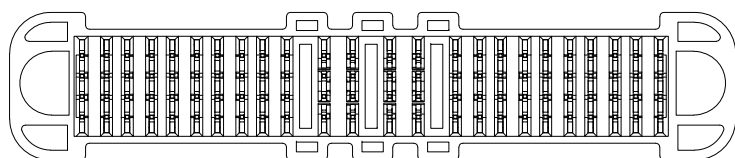
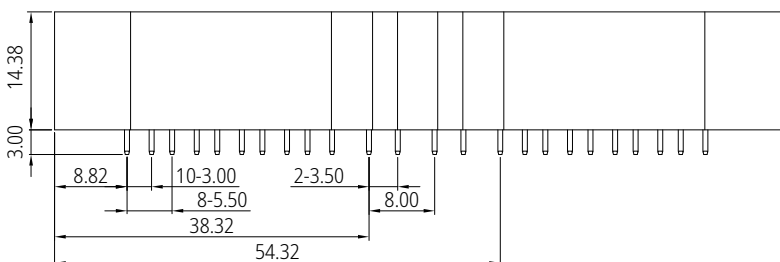
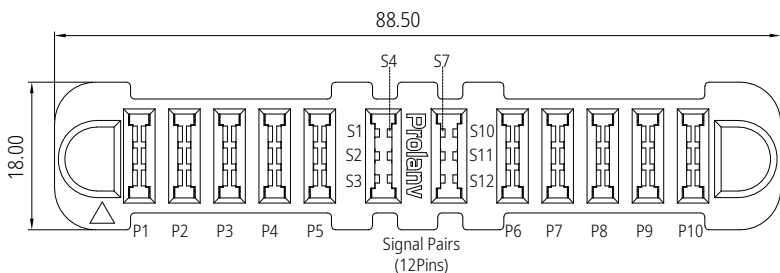
E

D

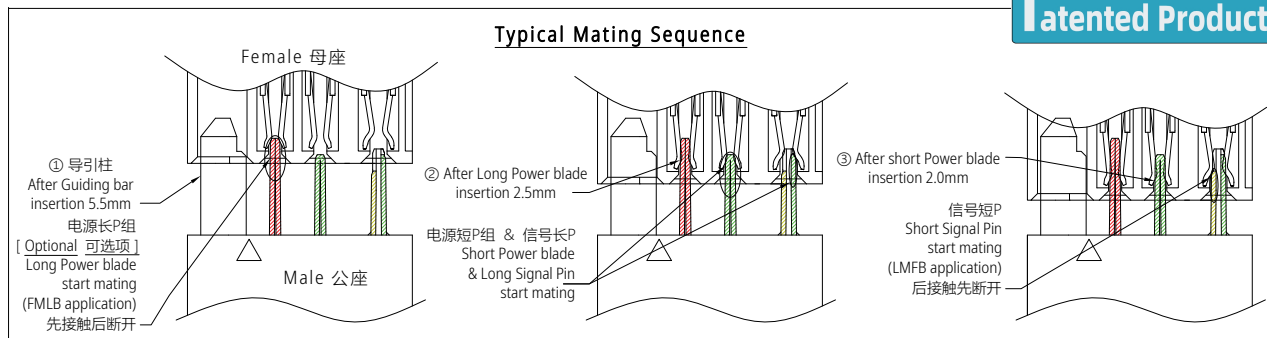
C

B

A



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



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 80μ " 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), 3A (per signal pin).
- 3-3. 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).

3-4. Dielectric Withstanding Voltage:

- 1500v DC rms/power blade; 500v DC rms/signal pin.

3-5. Insulation Resistance:

- 5000 $M\Omega$ min/Power blade; 500 $M\Omega$ 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.

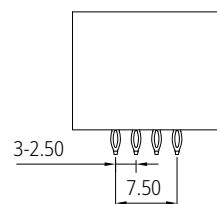
5. IR Reflow:

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

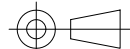
6. Operating Temperature rang: $-40\sim 125^\circ C$.

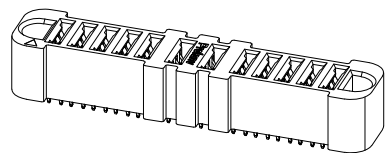
7. All parts RoHS and Reach compliant.

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

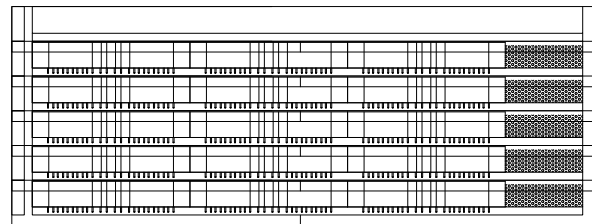
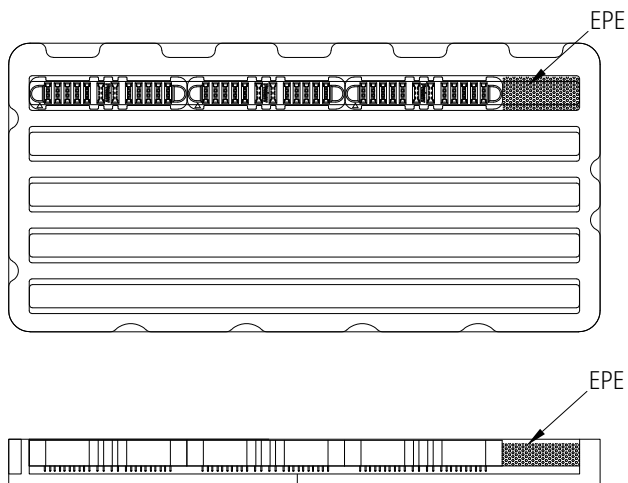


3D View

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. PDC2210F0001	PATENTED PRODUCT		
	X $\pm$ 0.30	X $^\circ$ ± 3°				
	XX $\pm$ 0.20	X $^\circ$ ± 2°				
	XXX $\pm$ 0.05	XX $^\circ$ ± 1°	APPROVED BY Henry	TITLE EN60A series Power Female. 10PW+12S, Straight Type		
	CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. PDC22-10		
	SIZE A4	UNITS mm[only]	DRAWN BY Kaylee			
				SHEET 1 / 2	SCALE 1:1	REV B2



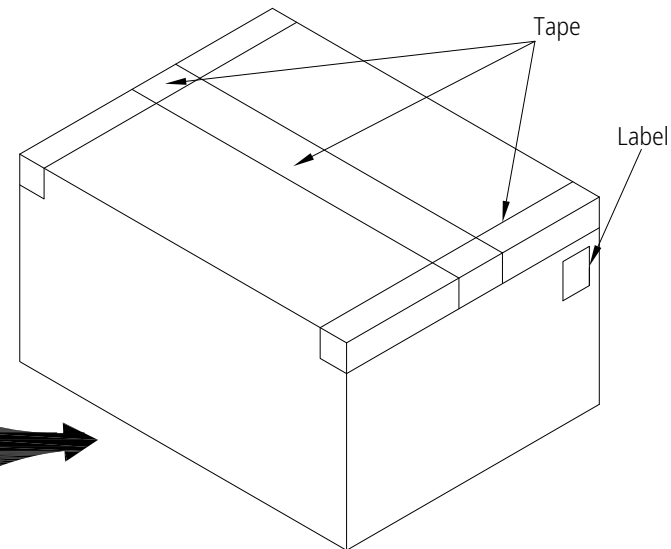
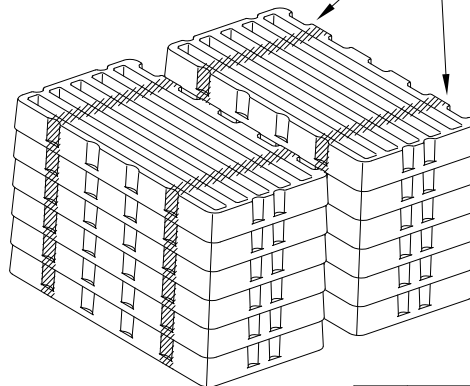
15 Pcs/Tray



Total: 2x5 Layers

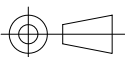


PE Film



Notes:

- Q'ty: 15 Pcs/Tray, 2x5 Layers=150 Pcs/Carton.
- Tray Pallet size: 332*162mm.
- Carton size: 350*350*155mm.

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	X± 0.30	X°± 3°	PDC2210F0001			
	XX± 0.20	X°± 2°	APPROVED BY	TITLE EN60A series Power Female. 10PW+12S, Straight Type, Packaging		
	XXX± 0.05	XX°± 1°	Henry			
	CUSTOMER DRAWING		CHECKED BY	DWG NO. P-PDC22-10		
			Poplar			
	SIZE	UNITS	DRAWN BY			
	A4	mm[only]	Kaylee			
			SHEET			
			2 / 2	N/A	A4	