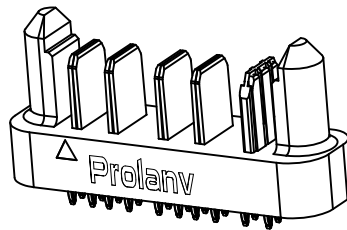
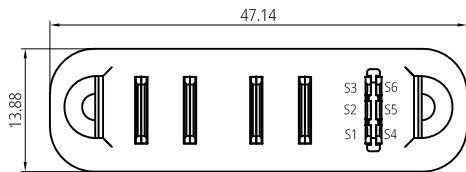
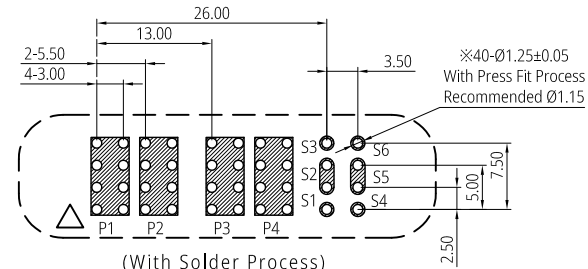


Patented product
专利产品



3D View



(With Solder Process)
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: Au 30µ" 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 Pin, 120v DC/Signal Pin.
- 3-2. Current Rating: 60A/per Power Blade, 3A/Signal Pin.
- 3-3. LLCR: initial 0.6mΩ max., finished 1.0mΩ max.(per Power Blade) initial 10mΩ max., finished 20mΩ max.(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: 120N (12.2 kgf) (max.)
- 4-2. Withdrawal force: 9.8N~98N (1.0~10.0 kgf).
- 4-3. Durability life: 10,000 cycles (max.)

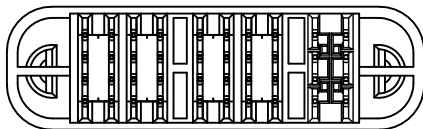
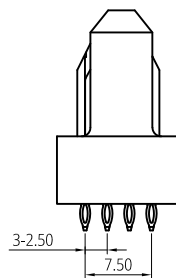
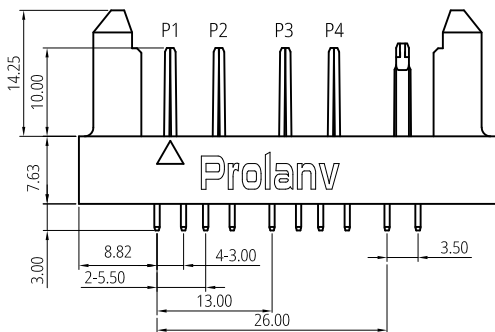
5. IR Reflow:

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

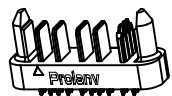
6. Operating Temperature Range: -40~125°C(without loss function).

7. All parts RoHS and Reach compliant.

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



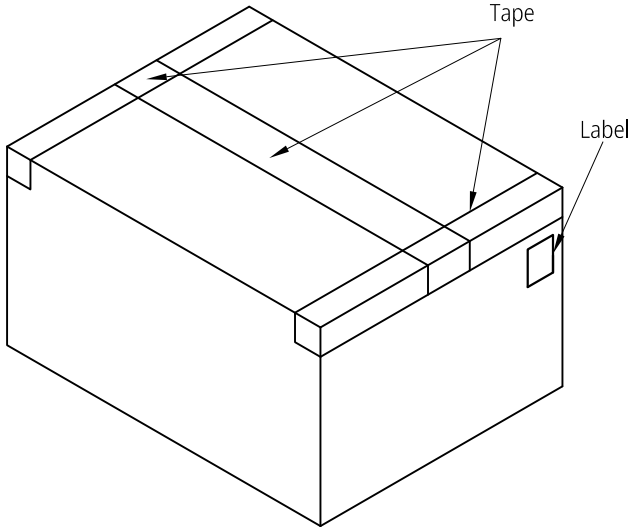
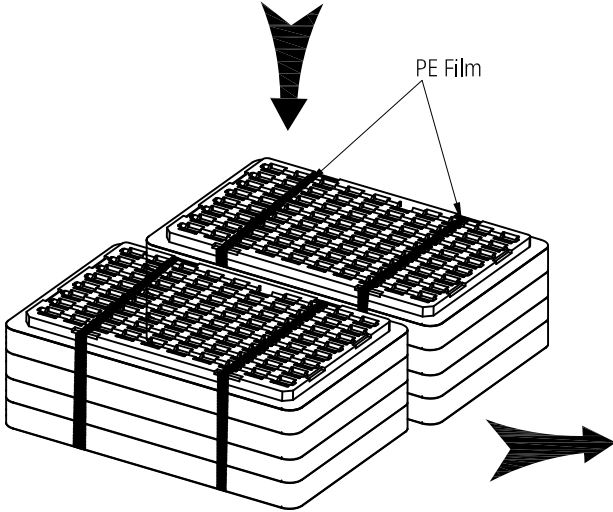
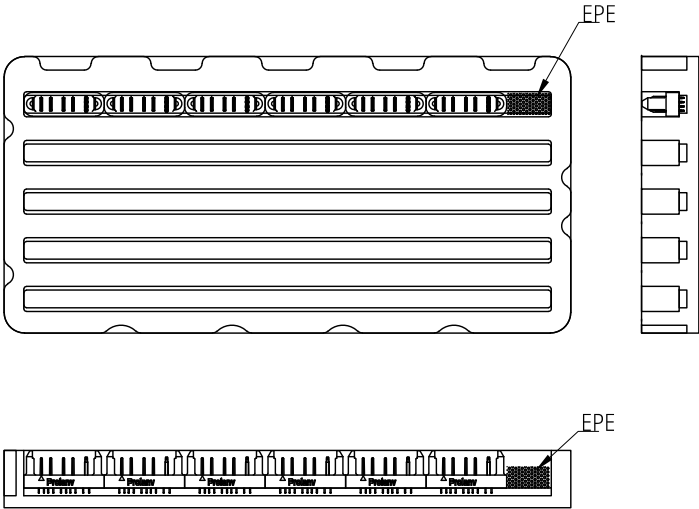
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC0120F0001	Prolanv®		
	X ± 0.30	X° ± 3°				
	XX ± 0.20	XX° ± 2°				
	XXX ± 0.05	XXX° ± 1°	APPROVED BY Kysin	TITLE EN60A series Power Male. 4Pairs Power-Pin+1Pair Signal-Pin Vert. Type		
	CUSTOMER DRAWING		CHECKED BY Harry	DWG NO. PDC01-20		
	SIZE A4	UNITS mm[only]	DRAWN BY Lucie	A		
					SHEET 1 / 2	SCALE 1:1
					REV B0	



30 Pcs/Tray



Total: 2x4 Layers



- Notes:
- Q'ty: 30Pcs/Tray, 2x4Layers=240Pcs/Carton.
 - Tray Pallet size: 332*162mm.
 - Carton size: 350*350*155mm.

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	X ± 0.30	X° ± 3°	PDC0120F0001				
	XX ± 0.20	XX° ± 2°	APPROVED BY	TITLE			
	XXX ± 0.05	XXX° ± 1°	Kysin	EN60A series Power Male. 4Pairs Power-Pin+1Pair Signal-Pin Packaging			
	CUSTOMER DRAWING		CHECKED BY	DWG NO.			
			Harry	P-PDC01-20			
SIZE		UNITS	DRAWN BY		SHEET	SCALE	REV
A4		mm[only]	Lucie		2 / 2	N/A	A2