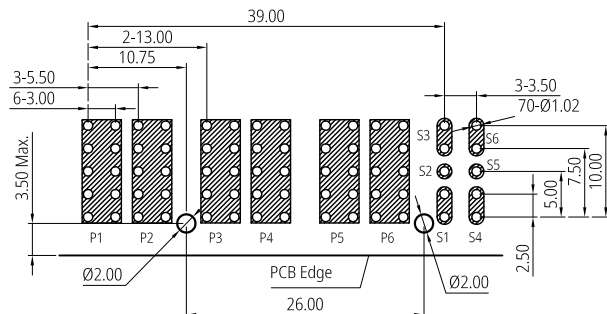
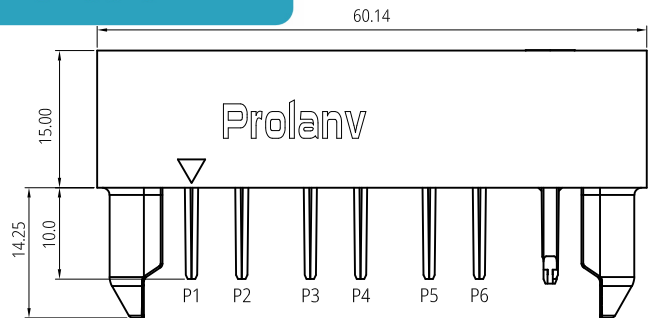
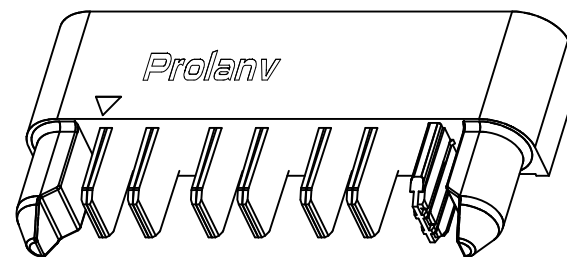


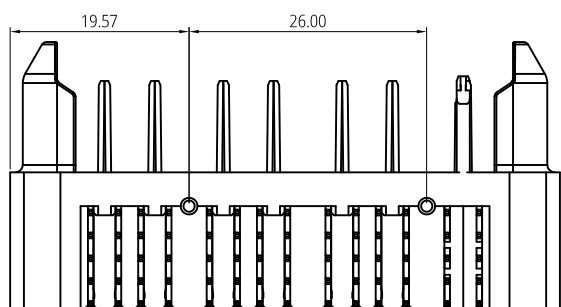
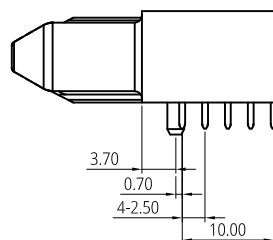
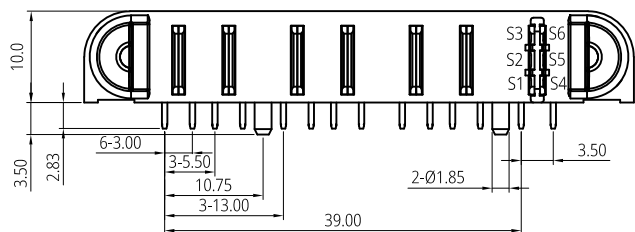
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Recommended P.C.B Layout (Top View)
 Tolerance ± 0.05



3D View



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 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 $0.6m\Omega$ max., finished $1.0m\Omega$ maximum change.(per Power Blade), initial $10m\Omega$ max., finished $20m\Omega$ max.(per Power Blade).
- 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:

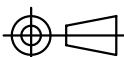
- 4-1.Insertion force: 120 (12.2 kgf) (max.)
- 4-2.Withdrawal force: 9.8N~98N (1.0~10.0 kgf).
- 4-3.Durability life: 10,000 cycles (max.)

5. IR Reflow:

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

6. Operating Temperature Range: $-40\sim 125^{\circ}c$ (without loss function).

7. All parts RoHS and Reach compliant.

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 0.30	X $^{\circ}$ \pm 3 $^{\circ}$	PDC0310F0002									
	XX \pm 0.20	.X $^{\circ}$ \pm 2 $^{\circ}$	APPROVED BY		TITLE EN60A series Power Male. 6PW+6S, R/A DIP Type							
	XXX \pm 0.05	.XX $^{\circ}$ \pm 1 $^{\circ}$	Mike									
	CUSTOMER DRAWING		CHECKED BY		DWG NO. PDC03-12							
			Harry									
SIZE	UNITS	DRAWN BY		 <table border="1"> <tr> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>1 / 2</td> <td>1:1</td> <td>A4</td> </tr> </table>			SHEET	SCALE	REV	1 / 2	1:1	A4
SHEET	SCALE	REV										
1 / 2	1:1	A4										
A4	mm[only]	Poplar										

1 2 3 4 5 6 7 8

F

F

E

E

D

D

C

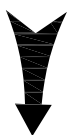
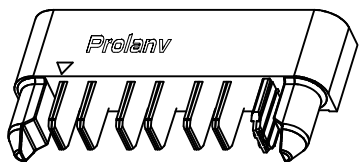
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B

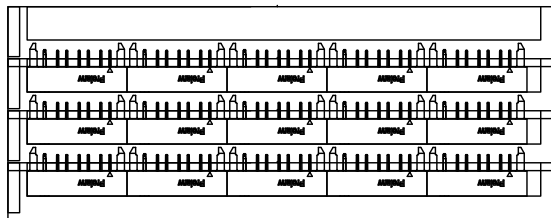
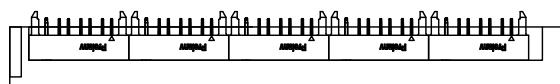
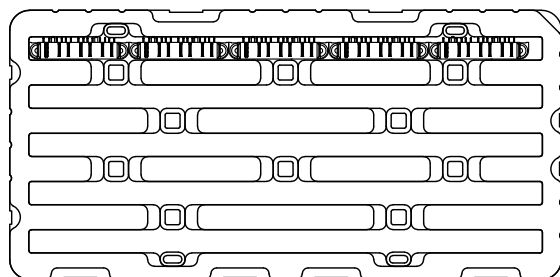
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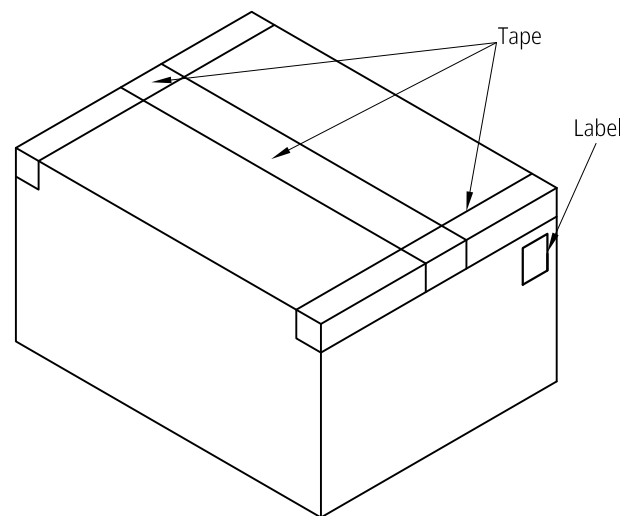
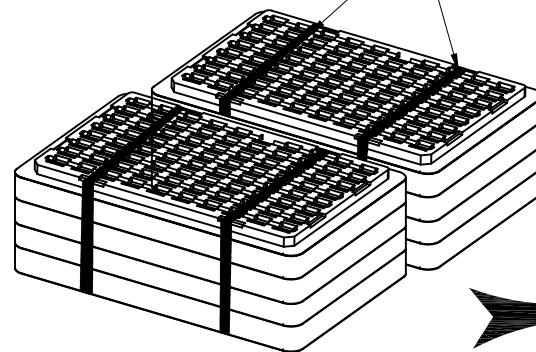
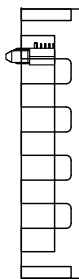
A



25 Pcs/Tray



Total: 2x3 Layers



Notes:

- 1. Q'ty: 25 Pcs/Tray, 2x3 Layers=150 Pcs/Carton.
- 2. Tray Pallet size: 332*162mm.
- 3. Carton size: 350*350*155mm.

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC0310F0002	Prolanv [®]			
X ± 0.30	X° ± 3°					
XX ± 0.20	XX° ± 2°	APPROVED BY Mike	TITLE EN60A series Power Male 6PW+6S. R/A Type. Packaging			
XXX ± 0.05	XXX° ± 1°	CHECKED BY Jin	DWG NO. P-PDC03-12			
SIZE A4	UNITS mm[only]	DRAWN BY Poplar		SHEET 2 / 2	SCALE N/A	REV A4

1 2 3 4 5 6 7 8