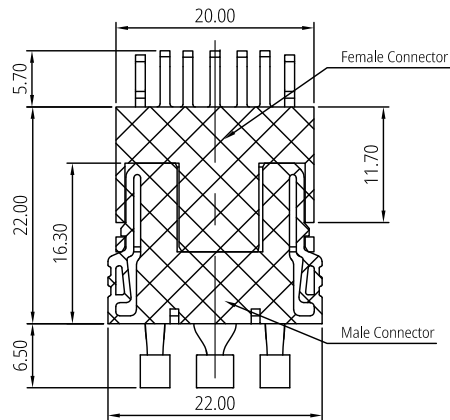


Recommended P.C.B layout (Top View)
Tolerance ± 0.05



Mating View

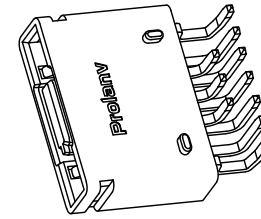
Part Number: PDC0810B0001

Contact Plating Spec. Code:

B: Au 5μ " plating on Contact area, matte Tin 80μ " min. on Tails and 50μ " min. Nickel overall.

C: Au 15μ " plating on Contact area, matte Tin 80μ " min. on Tails and 50μ " min. Nickel overall.

F: Au 30μ " plating on Contact area, matte Tin 80μ " min. on Tails and 50μ " min. Nickel overall.



3D View

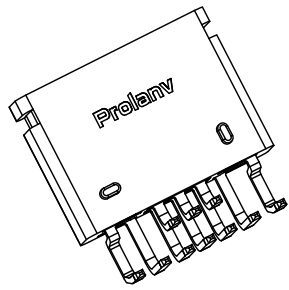
Notes:

- Material Specification
 - Housing: High Temperature Thermoplastic. UL94 V-0, Black.
 - Contact: High Conductivity Copper Alloy.
- Plating Specification:
 - Contact: Gold plating on Contact area, matte Tin on Tails, Nickel overall.
- Electrical performance
 - Voltage Rating: 100v DC/ Power Blade, 60V AC/DC /Signal Pin.
 - Current Rating: 35A Max./Per Power Blade, 1A Max/Per Signal Pin.
 - LLCR: initial 1.0m Ω max., finished 2.0m Ω max.(per Power Blade); initial 10m Ω max., finished 20m Ω max.(per Signal Pin).
 - Dielectric Withstanding Voltage: 1500v DC rms/Power Blade; 500v DC rms/Signal Pin.
 - Insulation Resistance: 5000 M Ω min/power blade;
- Mechanical Performance:
 - Insertion force: 49N (5.0 kgf) max.
 - Withdrawal force: 4.9N~39.2N (0.5~4.0kgf).
 - Durability life: 1000 cycles min.
- IR Reflow:

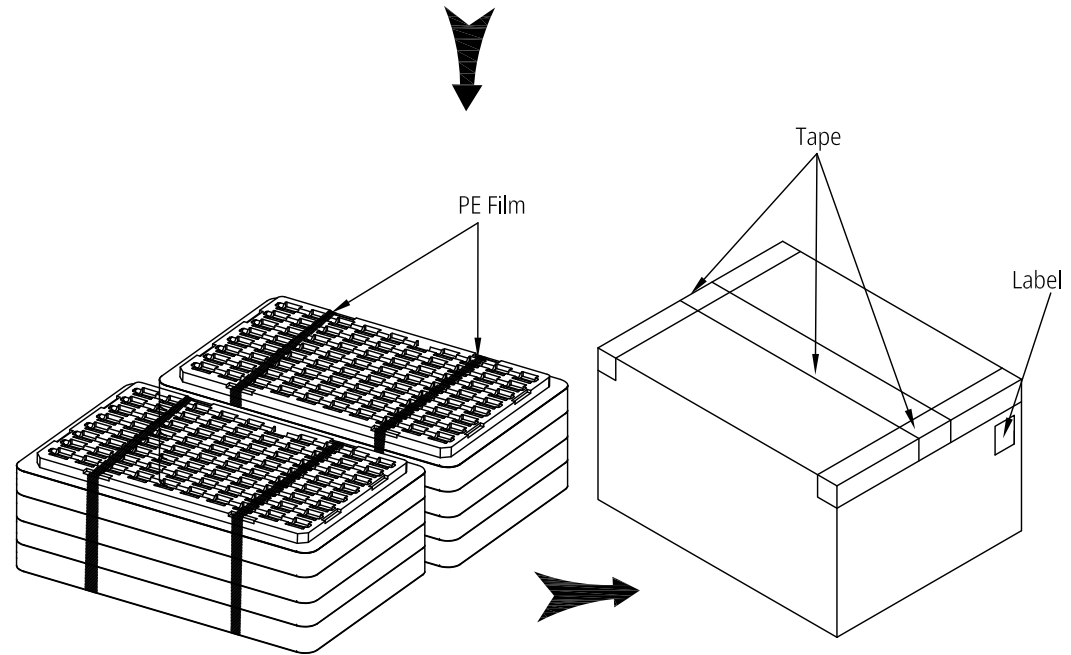
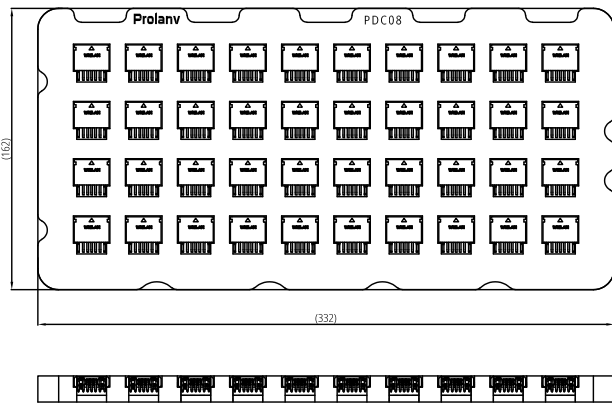
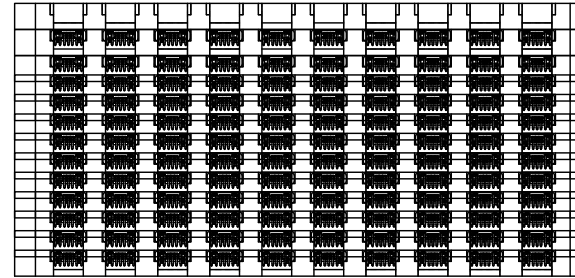
The peak temperature on board shall be maintained for 10 seconds at $260\pm 5^\circ\text{C}$.
- Operating Temperature Range: $-40\sim 125^\circ\text{C}$ (without loss function).
- All parts RoHS and Reach compliant.

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 [®]		
			PDC0810B0001			
	X \pm 0.30	X° \pm 3°	APPROVED BY	TITLE		
	.XX \pm 0.20	.X° \pm 2°	Mike	Mini High-Current Power Female 25A Max. 2P/4S R/A DIP Type		
.XXX \pm 0.05	.XX° \pm 1°	CHECKED BY	DWG NO.			
CUSTOMER DRAWING		Henry	PDC08-10			
SIZE	UNITS	DRAWN BY		SHEET	SCALE	REV
A4	mm[only]	Poplar		1 / 2	1:1	A2

1 2 3 4 5 6 7 8



40 Pcs/Tray



Notes:

1. Q'ty: 40 Pcs/Tray, 2x12 Layers=960 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.	<h1 style="margin: 0;">Prolanv®</h1>		
	$X \pm 0.20$	$X^\circ \pm 3^\circ$	PDC0810B0001			
	$.XX \pm 0.10$	$X^\circ \pm 2^\circ$	APPROVED BY	TITLE		
	$.XXX \pm 0.05$	$.XX^\circ \pm 1^\circ$	Mike	Mini High-Current Power Female 2P/4S R/A DIP Type. Packaging		
	CUSTOMER DRAWING	CHECKED BY	Henry	DWG NO.		
SIZE	UNITS	DRAWN BY	P-PDC08-10			
A4	mm[only]	Poplar				
				SHEET	SCALE	REV
				2 / 2	NA	A1