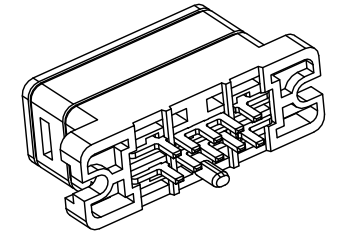
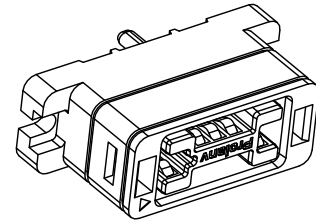


Recommended P.C.B layout (Top View)
Tolerance ±0.05

Part Number: PDC4210B0001

Contact Plating Spec. Code:

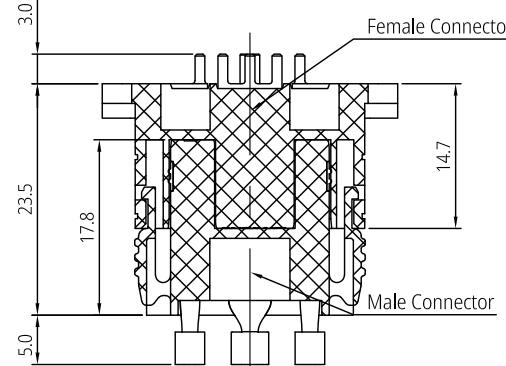
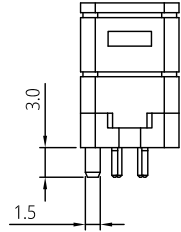
- B: Au 5μ" plating on Contact area, matte Tin 80μ" min. on Tails and 50μ" min. Nickel overall.
- C: Au 15μ" plating on Contact area, matte Tin 80μ" min. on Tails and 50μ" min. Nickel overall.
- F: Au 30μ" plating on Contact area, matte Tin 80μ" min. on Tails and 50μ" min. Nickel overall.



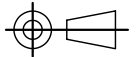
3D View

Notes:

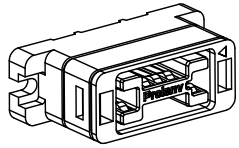
1. Material Specification
 - 1-1. Housing: High Temperature Thermoplastic, UL94 V-0, Black.
 - 1-2. Contact: High Conductivity Copper Alloy.
2. Plating Specification:
 - 2-1. Contact: Gold plating on Contact area, matte Tin on Tails, Nickel overall.
3. Electrical performance
 - 3-1. Voltage Rating: 100v DC/ Power Blade, 60V AC/DC /Signal Pin.
 - 3-2. Current Rating: 35A Max./Per Power Blade, 1A Max/Per Signal Pin.
 - 3-3. LLCR: initial 0.5mΩ 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;
4. Mechanical Performance:
 - 4-1. Insertion force: 49N (5.0 kgf) max.
 - 4-2. Withdrawal force: 4.9N~39.2N (0.5~4.0 kgf).
 - 4-3. Durability life: 1000 cycles min.
5. IR Reflow:
 - The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
6. Operating Temperature Range: -40~125°C(without loss function).
7. All parts RoHS and Reach compliant.



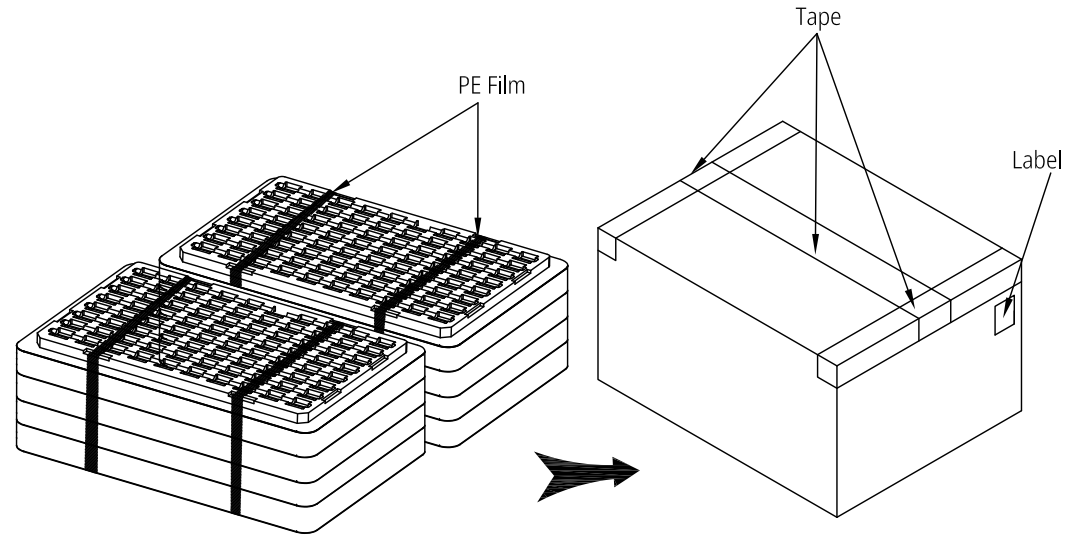
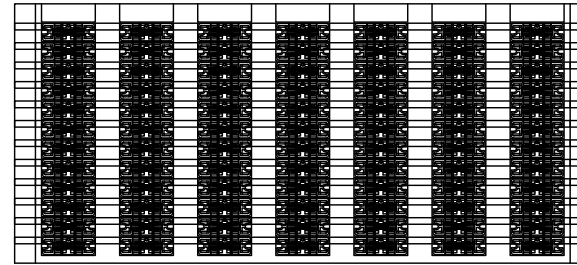
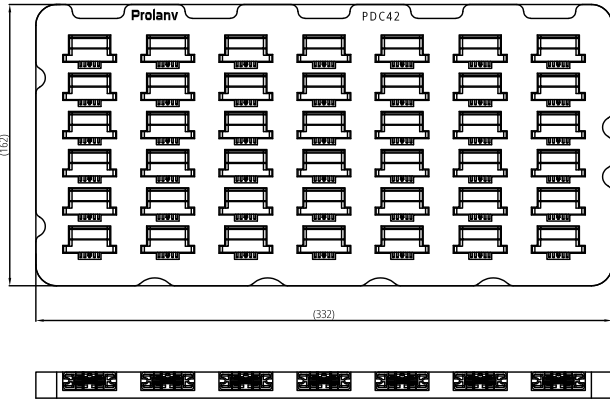
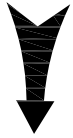
Mating View

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			PDC4210B0001			
	.X ± 0.30	X.° ± 3°	APPROVED BY	Mike		TITLE Mini High-Current Power Female 35A Max. 2P/4S Vert. DIP Type
	.XX ± 0.20	.X.° ± 2°	CHECKED BY	Henry		DWG NO. PDC42-10
.XXX ± 0.05	.XX.° ± 1°	CUSTOMER DRAWING				
SIZE	UNITS	DRAWN BY	Poplar			
A4	mm[only]					
				SHEET	SCALE	REV
				1 / 2	1:1	A0

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.

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			PDC4210B0001			TITLE Mini High-Current Power Female 2P/4S Vert. DIP Type. Packaging	
	.X± 0.30	X°± 3°	APPROVED BY		DWG NO.		
	.XX± 0.20	X°± 2°	Mike		P-PDC42-10		
	.XXX± 0.05	.XX°± 1°	CHECKED BY				
CUSTOMER DRAWING		Henry					
SIZE	UNITS	DRAWN BY			SHEET	SCALE	REV
A4	mm[only]	Poplar			2 / 2	NA	A0

1 2 3 4 5 6 7 8