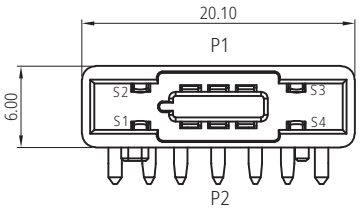
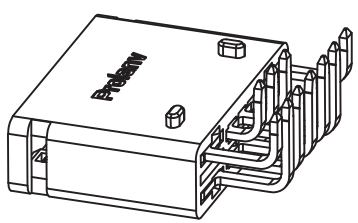
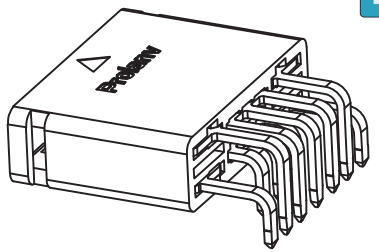
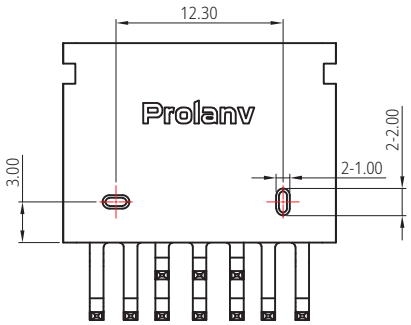
专利产品 2025 version
Patented Product

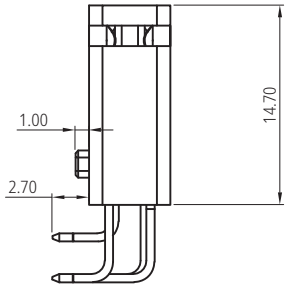


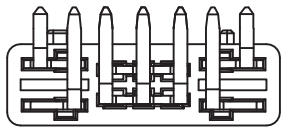



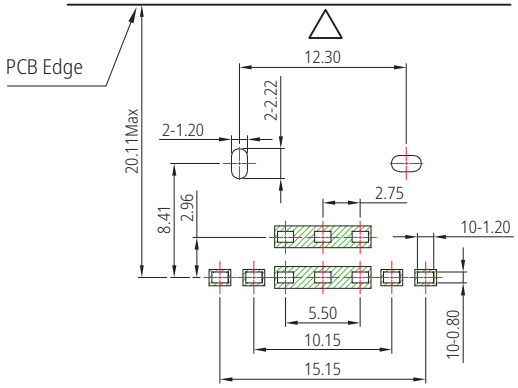


3D View



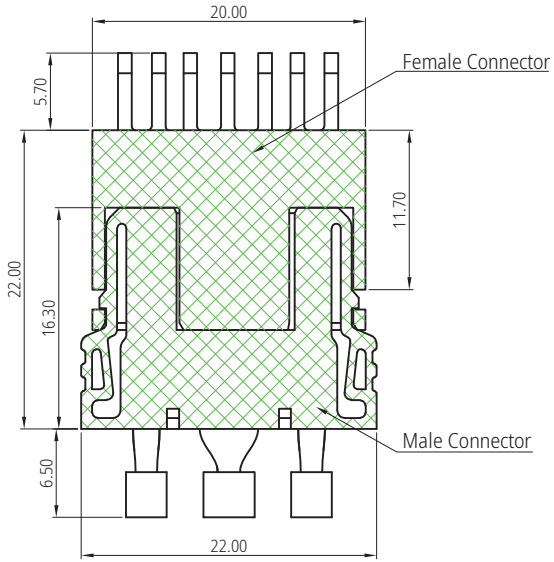






Recommended P.C.B layout (Top View)

Tolerance ±0.05




Mating View

Notes:

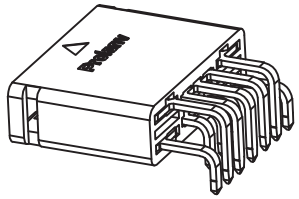
1. Material Specification
   1-1.Housing: High Temperature Thermoplastic. UL94 V-0, Black.
   1-2.Contact: High Conductivity Copper Alloy.
2. Plating Specification:
   2-1.Contact: Gold plating on Contact area, matte Tin on Tails, Nickel overall.
3. Electrical performance
   3-1.Voltage Rating: 100v 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 1.0mΩ max., finished 2.0mΩ 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 (0.5~4.0kgf).
   4-3.Durability life: 2,000 cycles.
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.

THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION

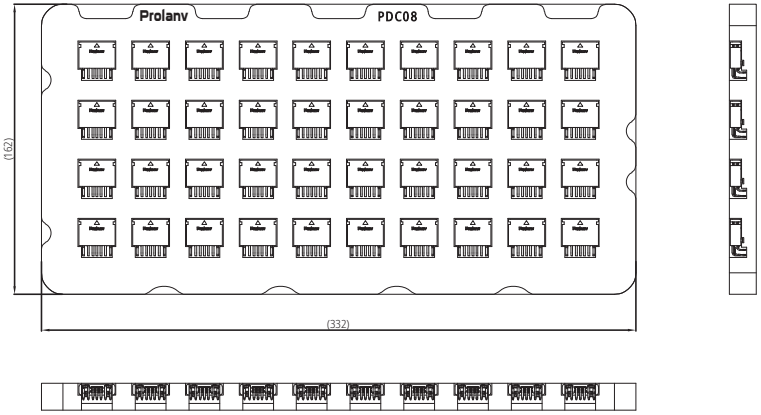
| GENERAL TOLERANCES UNLESS SPECIFIED | | PART NO. | Prolanv® |
|---|---|---|---|
| .X± 0.30 | X.°± 3° | PDC0810B0001 | |
| .XX± 0.20 | .X°± 2° | APPROVED BY Henry | TITLE Mini High-Current Power Female 2P/4S R/A DIP Type |
| .XXX± 0.10 | .XX°± 1° | | |
| CUSTOMER DRAWING | | CHECKED BY Poplar | DWG NO. PDC08-10 |

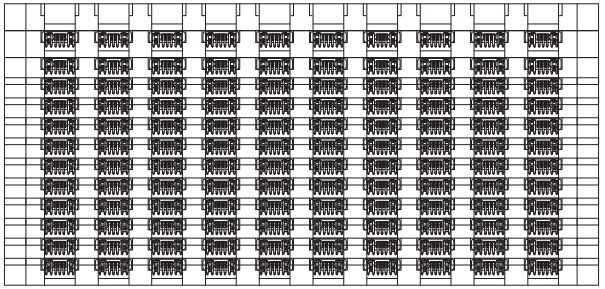
| SIZE | UNITS | DRAWN BY | SHEET | SCALE | REV |
|---|---|---|---|---|---|
| A4 | mm[only] | Kevin | 1 / 2 | 1:1 | A4 |

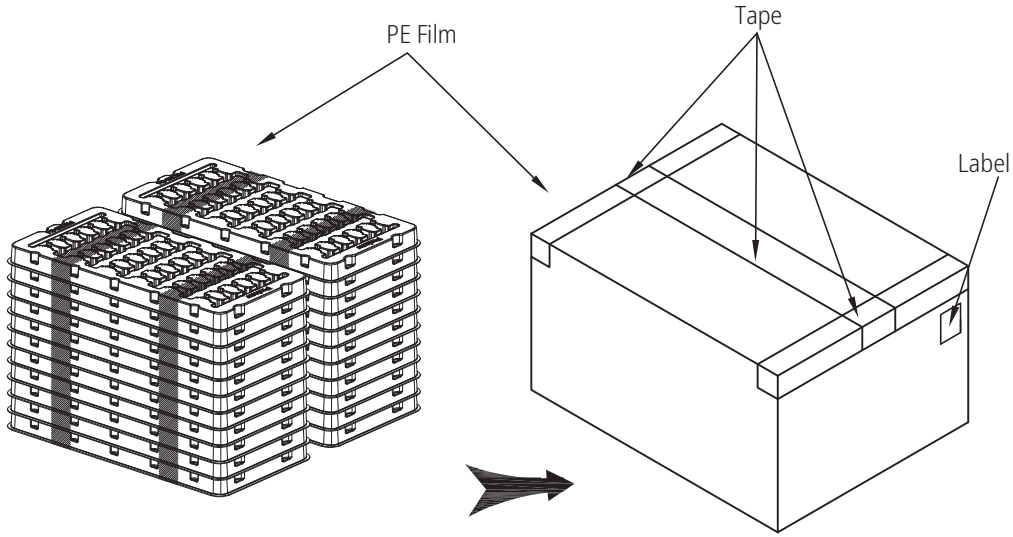
Copyright Shenzhen Prolanv Inc. www.prolanv.com



40Pcs/Tray






Notes:

1. Q'ty: 40Pcs/Tray, 2x12Layers=960Pcs/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<br>.X± 0.20 / X.°± 3°<br>.XX± 0.10 / .X°± 2°<br>.XXX± 0.05 / .XX°± 1° | PART NO. PDC0810B0001 | Prolanv® | |
| | | APPROVED BY Mike | TITLE Mini High-Current Power Female 2P/4S R/A DIP Type. Packaging | |
| | CUSTOMER DRAWING | CHECKED BY Henry | DWG NO. P-PDC08-10 | |
| | SIZE A4 / UNITS mm[only] | DRAWN BY Poplar | SHEET 2 / 2 / SCALE NA / REV A3 | |

Copyright Shenzhen Prolanv Inc. www.prolanv.com