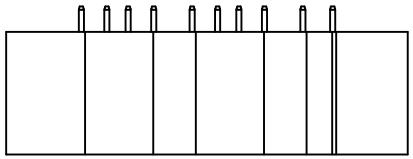
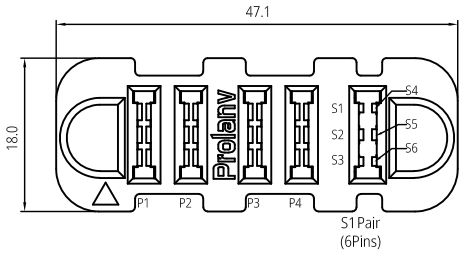
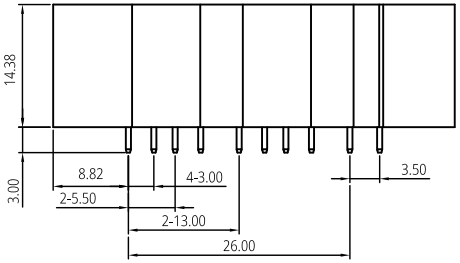
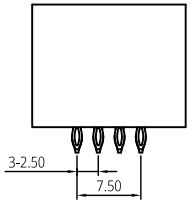
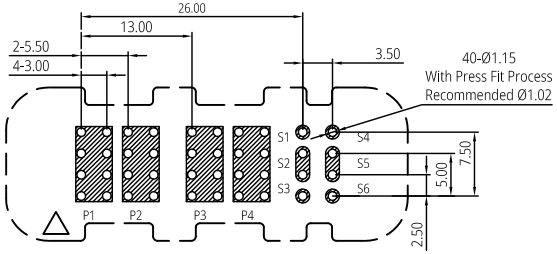
Patented product
专 利 产 品






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

Part Number: PDC0210F0001

Contact Plating Spec. Code:

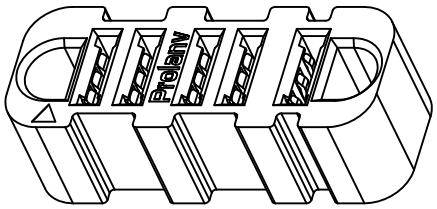
A: Au 5μ" plating on Contact area, matte Tin 80μ" min. on Tails and 50μ" min. Nickel overall.

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.

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: see P/N
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±5°c.
6. Operating Temperature Range: -40~125°c(without loss function).
7. All parts RoHS and Reach compliant.




3D View

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| GENERAL TOLERANCES UNLESS SPECIFIED | | | PART NO. | Prolanv® |
|---|---|---|---|---|
| .X ± 0.30 | .X° ± 3° | | PDC0210F0001 | |
| .XX ± 0.20 | .X° ± 2° | APPROVED BY | TITLE | |
| .XXX ± 0.05 | .XX° ± 1° | Kysin | 60A/Per Pair Power Female. 4Pairs Power+1Pair Signal Vertical Type | |
| CUSTOMER DRAWING | | CHECKED BY | DWG NO. | |
| | | Kent | PDC02-10 | |
| SIZE | UNITS | DRAWN BY | SHEET | SCALE | REV |
| A4 | mm[only] | Henry | 1 / 2 | 1:1 | A2 |

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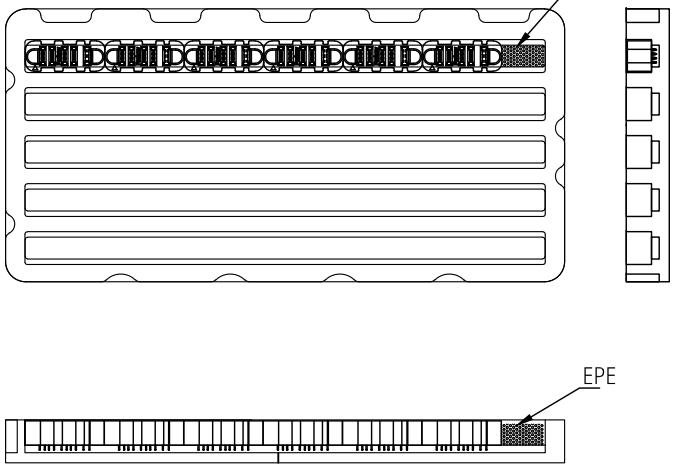
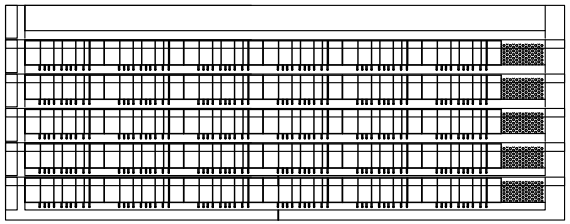
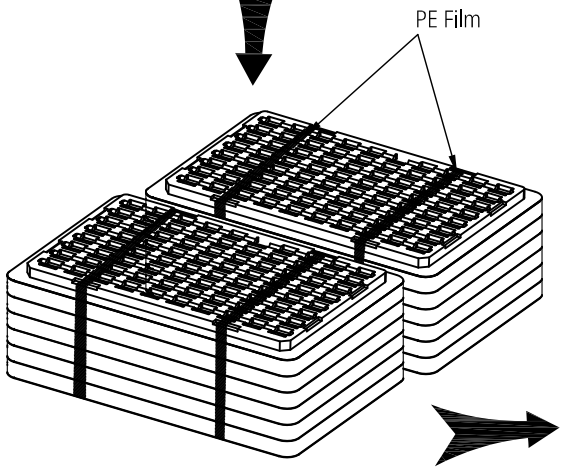
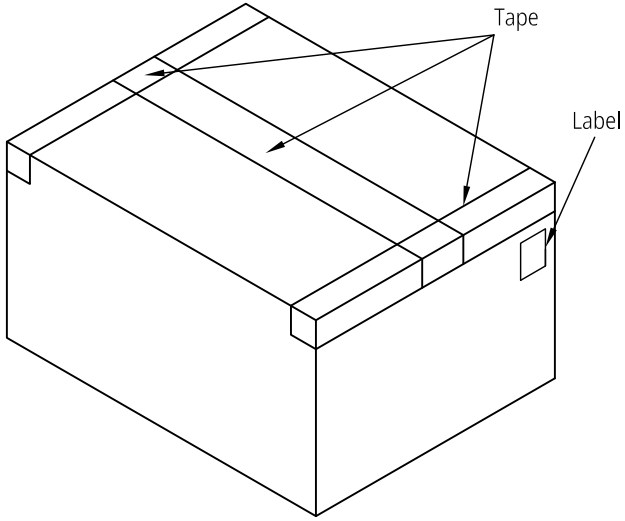
30 Pcs/Tray



Total: 2x5 Layers




Notes:

1. Q'ty:30 Pcs/Tray, 2x5 Layers=300 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.

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| GENERAL TOLERANCES UNLESS SPECIFIED | | PART NO. | **Prolanv®** |
|---|---|---|---|
| .X ± 0.30 | X.° ± 3° | PDC0210F0001 | |
| .XX ± 0.20 | .X° ± 2° | APPROVED BY Kysin | TITLE 60A/Per Pair Power Female. 4Pairs Power+1Pair Signal, Packaging |
| .XXX ± 0.05 | .XX° ± 1° | | |
| CUSTOMER DRAWING | | CHECKED BY Kent | DWG NO. PDC02-10 |
| SIZE A4 | UNITS mm[only] | DRAWN BY Henry | SHEET 2 / 2 · SCALE NA · REV A2 |

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