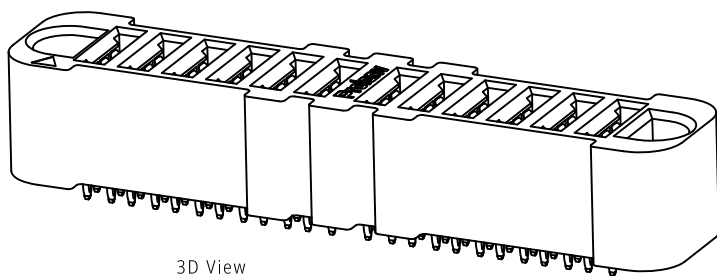
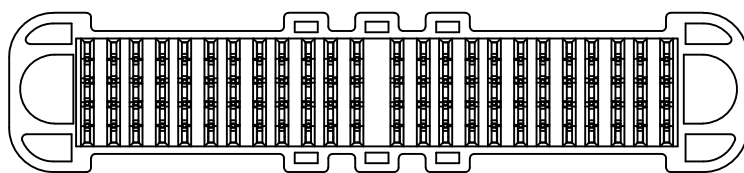
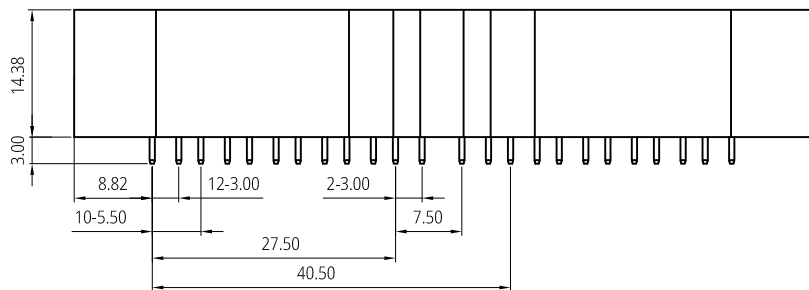
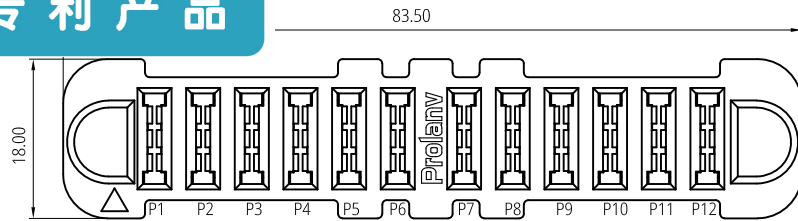
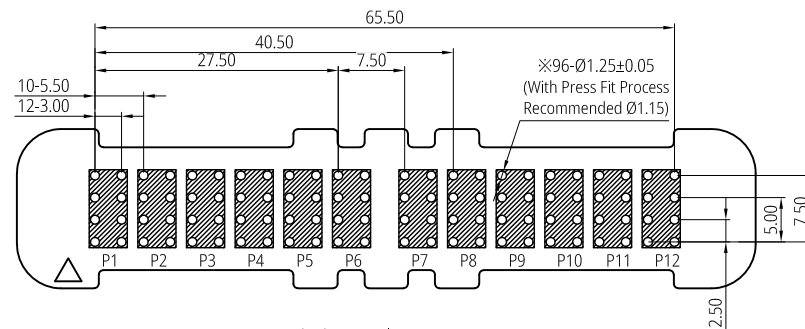
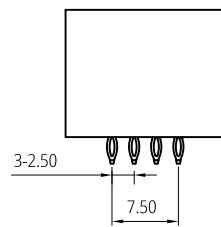


Patented product
专利产品



3D View



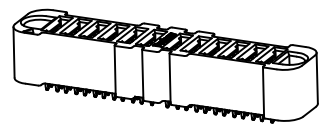
Recommended P.C.B layout (Top View)
Tolerance ± 0.05

Notes:

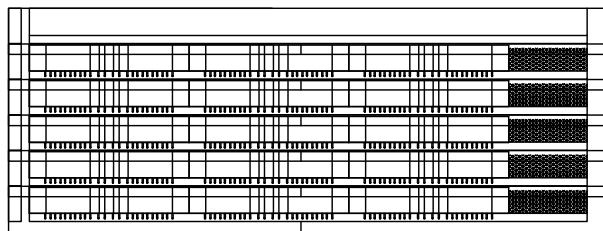
1. Material Specification
 - 1-1. Housing: High Temperature Thermoplastic. UL94 V-0, Black.
 - 1-2. Contact: High Conductivity Copper Alloy.
2. Plating Specification:
 - 2-1. Contact: Gold plating on Contact area, matte Tin 80 μ " min. on Tails and 50 μ " min. Nickel overall.
3. Electrical performance
 - 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 Ω max., finished 1.0m Ω maximum change (per Power Blade), initial 10m Ω max., finished 20m Ω max.(per Signal Pin)
 - 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: 245N (25.0 kgf) (max.)
 - 4-2. Withdrawal force: 9.8N~147N (1.0~15.0 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: -40~125 $^{\circ}$ c(without loss function).
7. All parts RoHS and Reach compliant.
8. \times See SPS-PDC-06 for Terminal details.

| | | | | | | | | | | | |
|---|-------------------------------------|-----------------------------------|--------------|-------|---|--|-------|-------|-----|-------|-----|
| 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 $^{\circ}$ | PDC3010F0001 | | | | | | | | |
| | XX \pm 0.20 | .X $^{\circ}$ \pm 2 $^{\circ}$ | APPROVED BY | Kysin | TITLE | EN60A series Power Female. 12Pairs Pin, Straight Type | | | | | |
| | XXX \pm 0.05 | .XX $^{\circ}$ \pm 1 $^{\circ}$ | CHECKED BY | Harry | DWG NO. | PDC30-10 | | | | | |
| | SIZE | UNITS | DRAWN BY | Lucie |  <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>1 / 2</td> <td>1:1</td> <td>B0</td> </tr> </table> | | SHEET | SCALE | REV | 1 / 2 | 1:1 |
| SHEET | SCALE | REV | | | | | | | | | |
| 1 / 2 | 1:1 | B0 | | | | | | | | | |
| A4 | mm[only] | | | | | | | | | | |

1 2 3 4 5 6 7 8



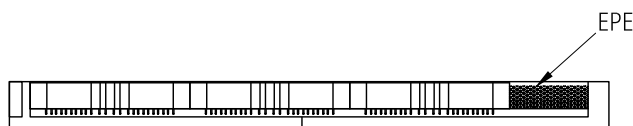
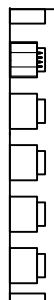
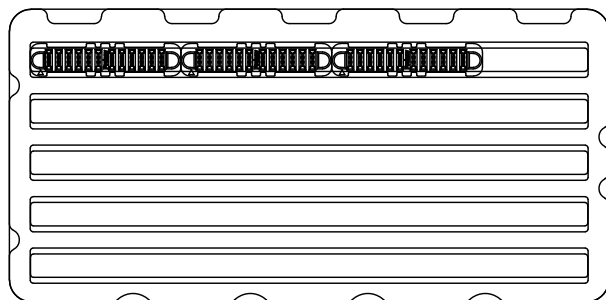
15Pcs/Tray



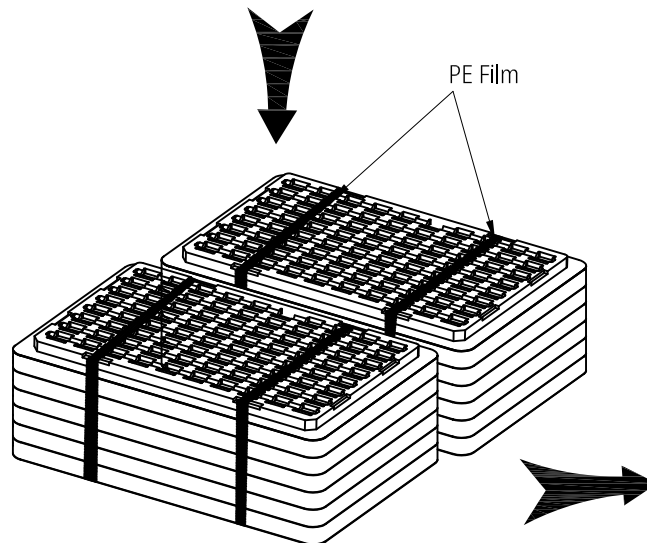
Total: 2x5 Layers

Notes:

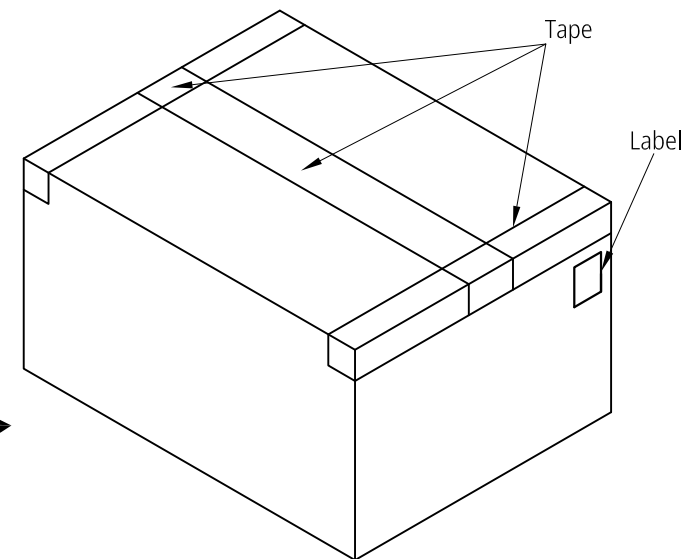
1. Q'ty: 15Pcs/Tray, 2x5 Layers=150Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.



EPE



PE Film



Tape

Label

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| | | | | | |
|-------------------------------------|-----------|--------------|---|--|--|
| GENERAL TOLERANCES UNLESS SPECIFIED | | PART NO. | Prolanv [®] | | |
| X ± 0.30 | X° ± 3° | PDC3010F0001 | | | |
| XX ± 0.20 | XX° ± 2° | APPROVED BY | TITLE EN60A series Power Female. 12Pairs Pin, Straight Type, Packaging | | |
| XXX ± 0.05 | XXX° ± 1° | Kysin | DWG NO. P-PDC30-10 | | |
| CUSTOMER DRAWING | | CHECKED BY | REV | | |
| | | Harry | 2 / 2 | | |
| SIZE | UNITS | DRAWN BY | SCALE | | |
| A4 | mm[only] | Lucie | N/A | | |
| | | | A2 | | |

1 2 3 4 5 6 7 8