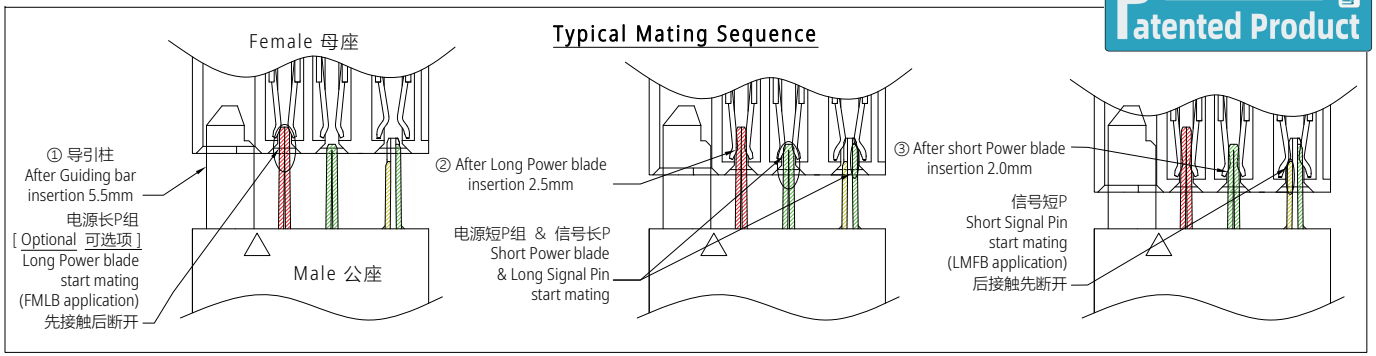
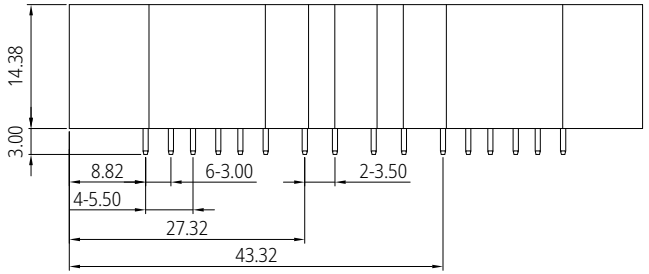
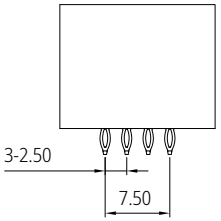
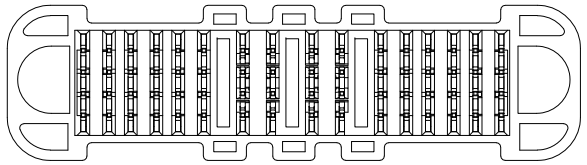
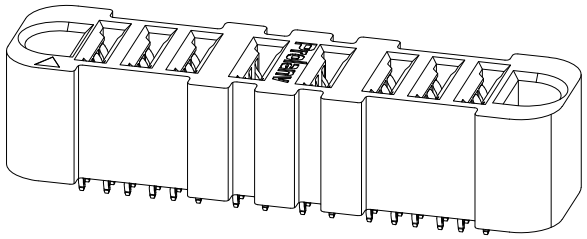


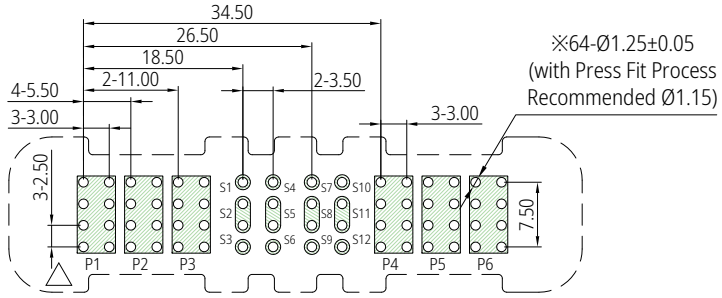






3D View



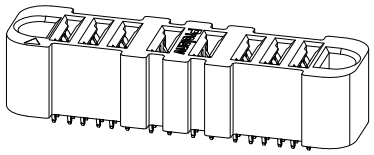

Recommended P.C.B layout (Top View)
Tolerance ±0.05

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 80μ" min. on Tails, and 80μ" min. Nickel overall;
3. Electrical performance:
   3-1. Voltage Rating: 250v DC/power blade, 120v DC/signal pin;
   3-2. Current Rating: 60A (per pair power blade), 3A (per signal pin).
   3-3. LLCR:
   initial 0.6mΩ max., finished 1.0mΩ maximum change.(per pair power blade);
   initial 10mΩ max., finished 20mΩ maximum change.(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: 19.6N (2.0kgf) max./Per Pair;
   4-2. Withdrawal Force: 4.5~11N (0.4~1.2kgf)/Per Pair;
   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 rang: -40~125°C.
7. All parts RoHS and Reach compliant.
8. ※ See SPS-PDC-06 for Terminal details.

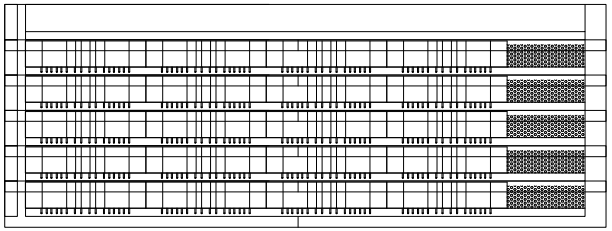
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| GENERAL TOLERANCES UNLESS SPECIFIED | | | | PART NO. | Prolanv® |
|---|---|---|---|---|---|
| .X± | 0.30 | .X°± | 3° | PDC1810F0002 | |
| .XX± | 0.20 | .X°± | 2° | APPROVED BY: Henry | TITLE: EN60A series \| Power Female. 6PW+12S, Straight Type |
| .XXX± | 0.05 | .XX°± | 1° | | |
| CUSTOMER DRAWING | | | | CHECKED BY: Poplar | DWG NO. PDC18-02 |
| SIZE | UNITS | | | DRAWN BY: Kaylee | SHEET: 1 / 2 · SCALE: 1:1 · REV: B2 |
| A4 | mm[only] | | | | |

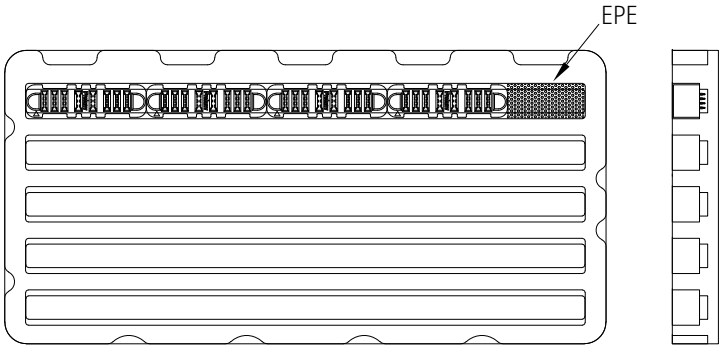
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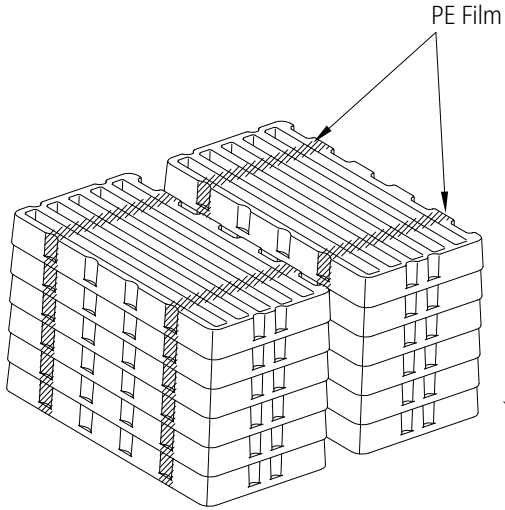


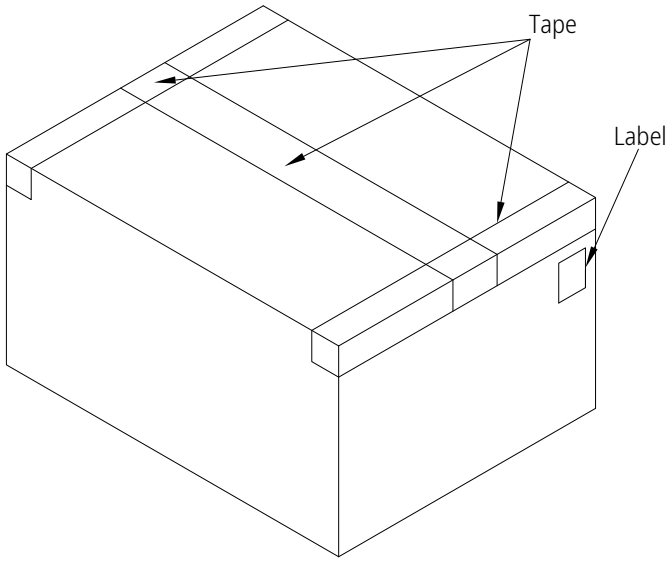
20 Pcs/Tray



Total: 2x5 Layers




Notes:

1. Q'ty: 20 Pcs/Tray, 2x5 Layers=200 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.

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| GENERAL TOLERANCES UNLESS SPECIFIED | | | |
|---|---|---|---|
| .X ± 0.30 | | X.° ± 3° | |
| .XX ± 0.20 | | .X° ± 2° | |
| .XXX ± 0.05 | | .XX° ± 1° | |
| CUSTOMER DRAWING | | | |
| SIZE | UNITS | | |
| A4 | mm[only] | | |

| | |
|---|---|
| PART NO. | PDC1810F0002 |
| APPROVED BY | Henry |
| CHECKED BY | Poplar |
| DRAWN BY | Kaylee |

Prolanv®

TITLE: EN60A series | Power Female. 6PW+12S, Straight Type, Packaging

DWG NO. P-PDC18-02

| SHEET | SCALE | REV |
|---|---|---|
| 2 / 2 | N/A | A2 |

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