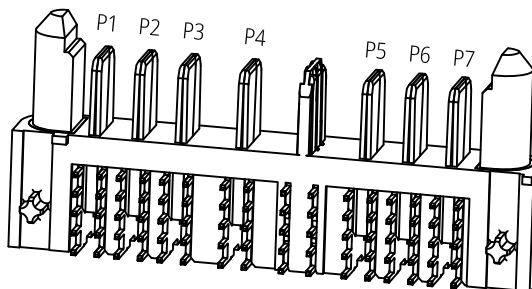
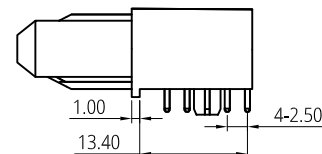
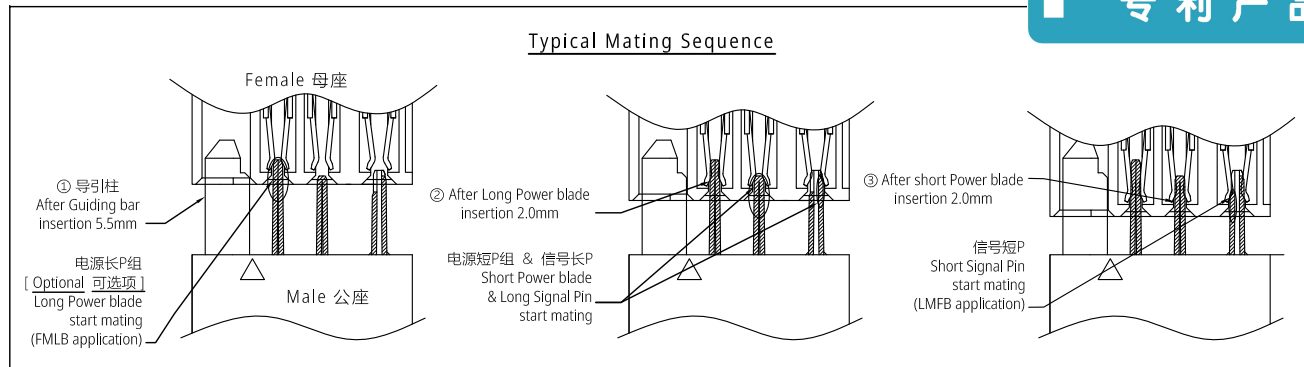
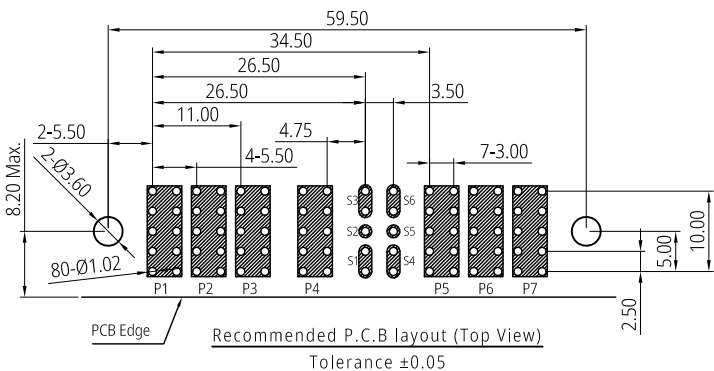
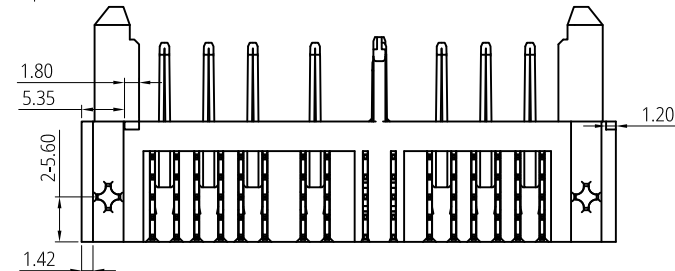
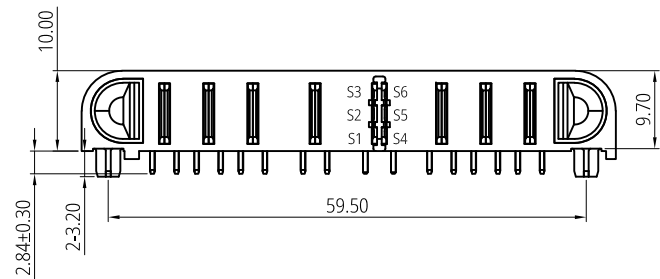
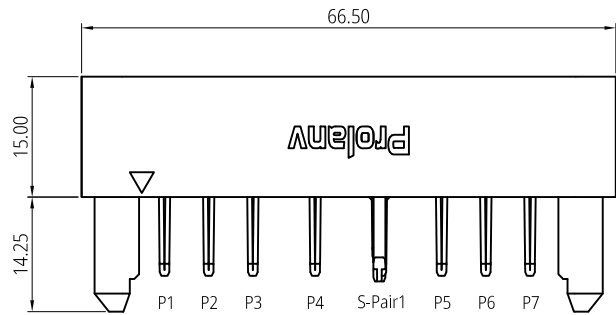


**P**atented product  
专利产品



3D View

Part Number: PDC2510F0003  
 Optional Long Power blade  
 可选项 长电源P组数 | Pairs  
 Code: 1~9 & A~C  
 Long Power blade  
 长电源P组 | 起始位  
 Start location code: 1~9 & A~C  
 Long Power blade  
 长电源P组 | 终止位  
 End location code: 1~9 & A~C

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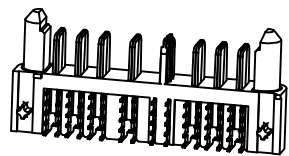
| GENERAL TOLERANCES UNLESS SPECIFIED |           |
|-------------------------------------|-----------|
| .X ± 0.30                           | .X° ± 3°  |
| .XX ± 0.20                          | .X° ± 2°  |
| .XXX ± 0.05                         | .XX° ± 1° |
| SIZE                                | UNITS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

| PART NO.     | APPROVED BY |
|--------------|-------------|
| PDC2510F0003 | Henry       |
| CHECKED BY   | Poplar      |
| DRAWN BY     | Kaylee      |

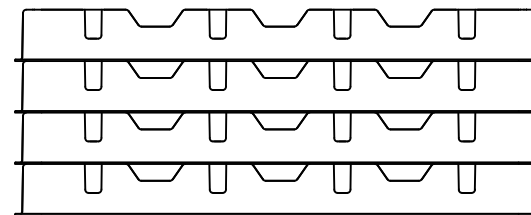
| TITLE  |       |     |
|--|-------|-----|
| EN60A series   Power Male.<br>7PW+6S, R/A DIP Type |       |     |
| DWG NO.  |       |     |
| PDC25-03   |       |     |
| SHEET  | SCALE | REV |
| 1 / 2  | 1:1   | A0  |

Notes:

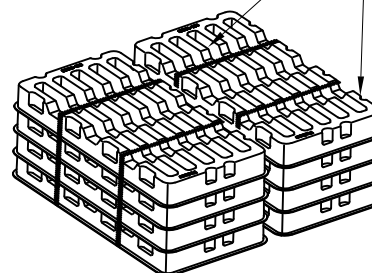
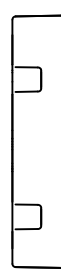
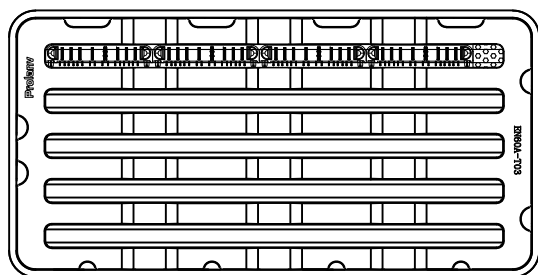
- Material Specification:
  - Housing: High Temperature Thermoplastic. UL94 V-0, Black;
  - Contact: High Conductivity Copper Alloy;
  - Metal Rod: Alloy.
- Plating Specification:
  - Contact: Gold plating on Contact area, Matte Tin 80µ" min. on Tails, and 50µ" min. Nickel overall;
  - Metal Rod: Nickel overall.
- Electrical performance:
  - Voltage Rating: 250v DC/power blade, 120v DC/signal pin;
  - Current Rating: 60A (per pair power blade).
  - LLCR:
    - initial 0.6mΩ max., finished 1.0mΩ maximum change.(per pair power blade);
    - initial 10mΩ max., finished 20mΩ maximum change.(per signal pin).
  - Dielectric Withstanding Voltage:
    - 1500v DC rms/power blade; 500v DC rms/signal pin.
  - Insulation Resistance:
    - 5000 MΩ min/Power blade; 500 MΩ min/Signal Pin.
- Mechanical Performance:
  - Insertion Force: 19.6N (2.0kgf) max./Per Pair;
  - Withdrawal Force: 4.5~11N (0.4~1.2kgf)/Per Pair;
  - Durability Life: 10,000 cycles. max.
- IR Reflow:
  - The peak temperature on board shall be maintained for 10 seconds at 260±5°C.
- Operating Temperature rang: -40~125°C.
- All parts RoHS and Reach compliant.



20pcs/Tray



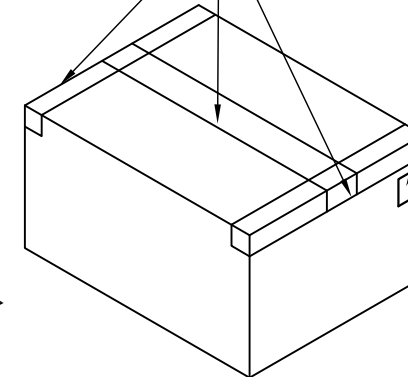
Total 2\*4 Layers



PE Film

Tape

Label



Notes:

1. Q'ty: 20Pcs/Tray, 2x4 Layers=160 Pcs/Carton.
2. Tray Pallet size: 332\*162\*17mm.
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 |           | PART NO.     | <b>Prolanv</b> <sup>®</sup>                                  |
|   | X ± 0.20                            | X° ± 3°   | PDC2510F0003 |  |
|   | .XX ± 0.10                          | .X° ± 2°  | APPROVED BY  | TITLE  |
|   | .XXX ± 0.05                         | .XX° ± 1° | Henry        | EN60A series   Power Male<br>7PW+6S, R/A DIP Type, Packaging |
|   | CUSTOMER DRAWING                    |           | CHECKED BY   | DWG NO.  |
|   | SIZE                                |           | Poplar       | P-PDC25-03   |
| A4  | UNITS                               | DRAWN BY  |              |  |
|   | mm[only]                            | Kaylee    |              |  |
|   |                                     |           |              | SHEET  |
|   |                                     |           |              | 2 / 2  |
|   |                                     |           |              | SCALE  |
|   |                                     |           |              | NA   |
|   |                                     |           |              | REV  |
|   |                                     |           |              | A0   |