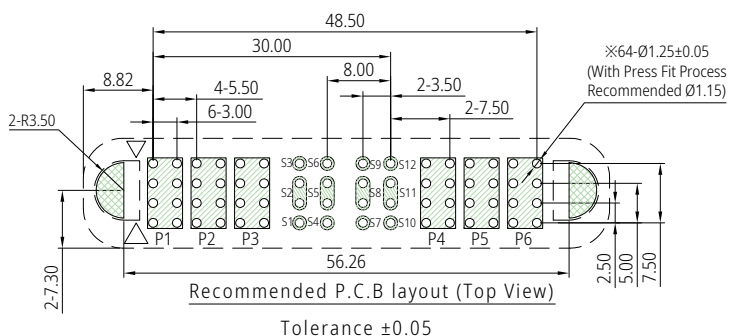
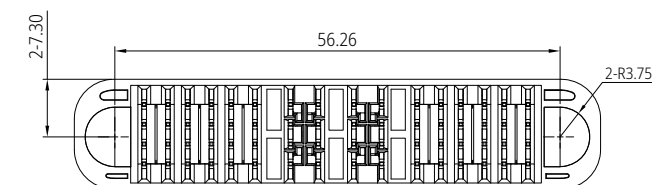
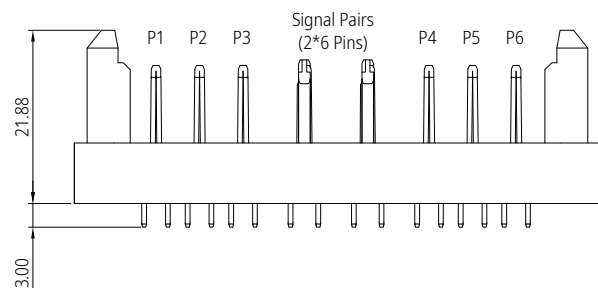
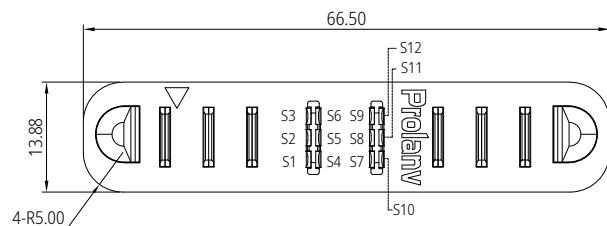


- Notes:
- Material Specification:
    - Housing: High Temperature Thermoplastic. UL94 V-0, Black;
    - Contact: High Conductivity Copper Alloy;
    - Metal Rod: Alloy.
  - Plating Specification:
    - Contact: Gold plating on Contact area, Matte Tin  $80\mu$  min. on Tails, and  $80\mu$  min. Nickel overall;
    - Metal Rod: Nickel overall.
  - Electrical performance:
    - Voltage Rating: 250v DC/power blade, 120v DC/signal pin;
    - Current Rating: 60A (per pair power blade), 3A (per signal pin).
    - LLCR:
      - initial  $0.6m\Omega$  max., finished  $1.0m\Omega$  maximum change.(per pair power blade);
      - initial  $10m\Omega$  max., finished  $20m\Omega$  maximum change.(per signal pin).
    - Dielectric Withstanding Voltage:
      - 1500v DC rms/power blade; 500v DC rms/signal pin.
    - Insulation Resistance:
      - 5000 M $\Omega$  min/Power blade; 500 M $\Omega$  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  $260\pm 5^\circ C$ .
  - Operating Temperature rang:  $-40\sim 125^\circ C$ .
  - All parts RoHS and Reach compliant.
  - See SPS-PDC-06 for Terminal details.

Part Number: PDC1720F0003

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

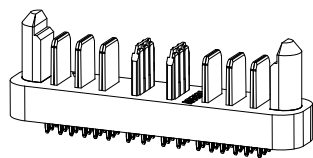
Long Power blade  
长电源P组 | 终止位  
End location code: 1~9 & A~C

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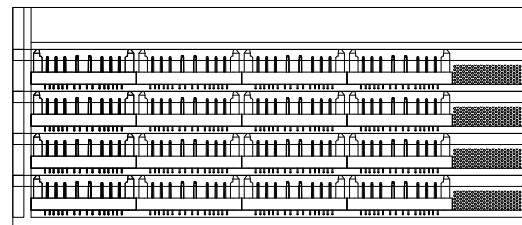
| GENERAL TOLERANCES UNLESS SPECIFIED |                           |
|-------------------------------------|---------------------------|
| X $\pm$ 0.30                        | X $^\circ\pm$ 3 $^\circ$  |
| XX $\pm$ 0.20                       | X $^\circ\pm$ 2 $^\circ$  |
| XXX $\pm$ 0.05                      | XX $^\circ\pm$ 1 $^\circ$ |
| CUSTOMER DRAWING                    |                           |
| SIZE                                | UNITS                     |
| A4                                  | mm[only]                  |

| PART NO.    | PDC1720F0003 |
|-------------|--------------|
| APPROVED BY | Henry        |
| CHECKED BY  | Poplar       |
| DRAWN BY    | Kaylee       |

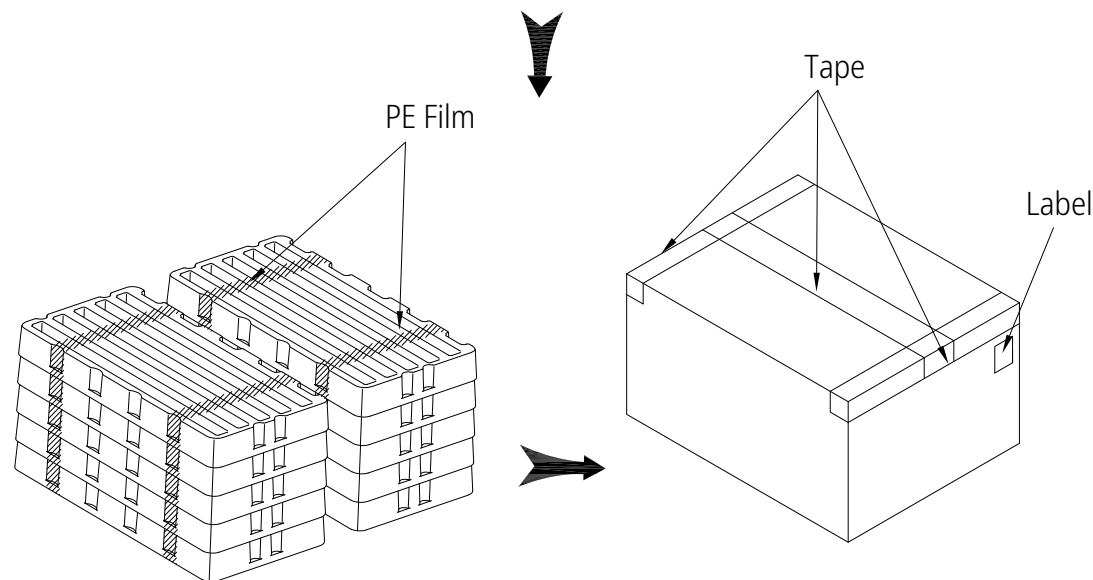
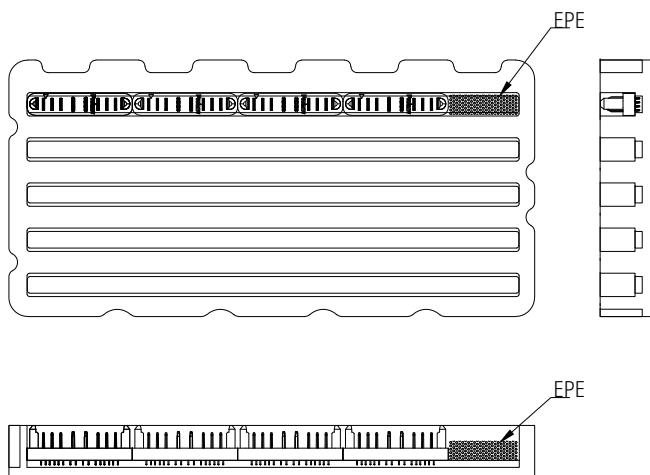
| Prolanv® |                                                      |
|----------|------------------------------------------------------|
| TITLE    | EN60A series   Power Male.<br>6PW+12S, Straight Type |
| DWG NO.  | PDC17-23                                             |
| SHEET    | 1 / 2                                                |
| SCALE    | 1:1                                                  |
| REV      | A2                                                   |



20pcs/Tray



Total 2\*4 Layers



### Notes:

1. Q'ty: 20Pcs/Tray, 2x4 Layers=160 Pcs/Carton.
2. Tray Pallet size: 332\*162\*17mm.
3. Carton size: 350\*350\*155mm.

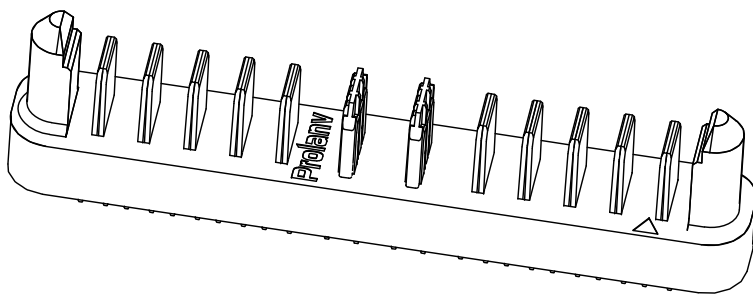
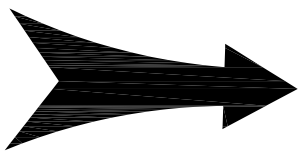
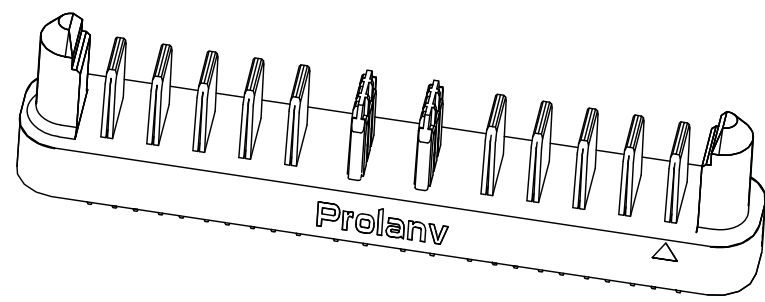
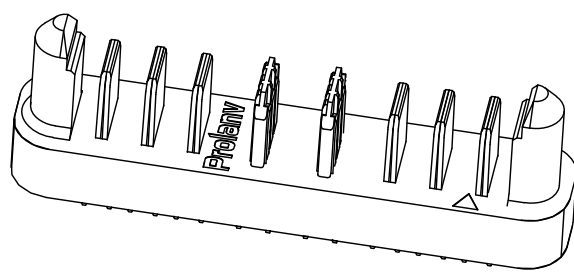
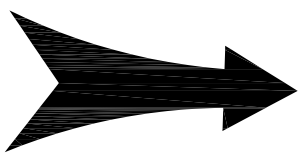
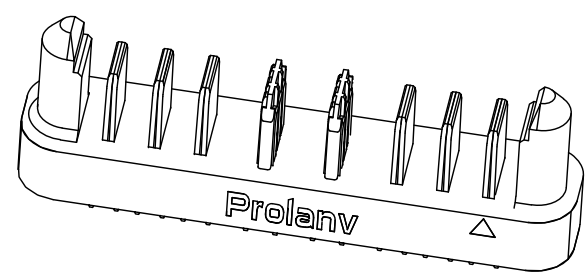
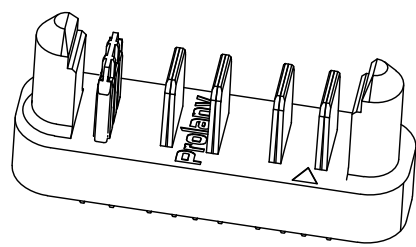
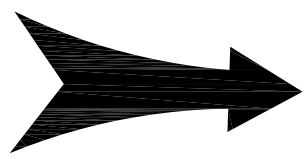
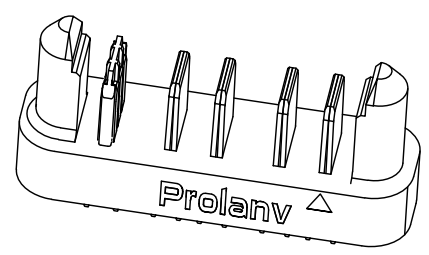
|                                                                                                                       |                                     |          |              |                                                                |       |       |     |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------|--------------|----------------------------------------------------------------|-------|-------|-----|
| 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>                                                |       |       |     |
|                                                                                                                       | X± 0.20                             | X°± 3°   | PDC1720F0003 |                                                                |       |       |     |
|                                                                                                                       | XX± 0.10                            | X°± 2°   | APPROVED BY  | EN60A series   Power Male.<br>6PW+12S, Straight Type Packaging |       |       |     |
|                                                                                                                       | XXX± 0.05                           | XX°± 1°  | Henry        |                                                                |       |       |     |
|                                                                                                                       | CUSTOMER DRAWING                    |          | CHECKED BY   | P-PDC17-23                                                     |       |       |     |
|                                                                                                                       |                                     |          | Poplar       |                                                                |       |       |     |
| SIZE                                                                                                                  |                                     | UNITS    | DRAWN BY     |                                                                | SHEET | SCALE | REV |
| A4                                                                                                                    |                                     | mm[only] | Kaylee       |                                                                | 2 / 2 | NA    | A2  |

1 2 3 4 5 6 7 8

F  
E  
D  
C  
B  
A

F  
E  
D  
C  
B  
A

EN60A series marks upgraded



1 2 3 4 5 6 7 8