

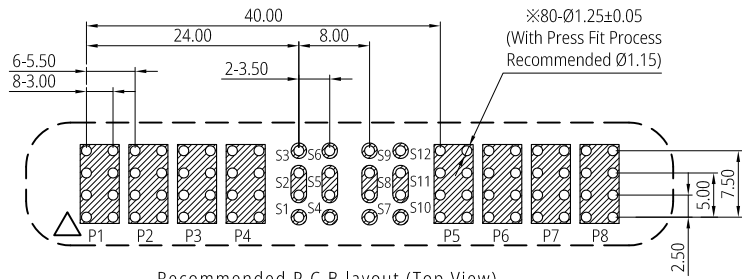
3D View

Part Number: PDC2710F0001

Optional Long Power blade  
可选项 长电源P组数 | 起始位  
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



Recommended P.C.B layout (Top View)  
Tolerance  $\pm 0.05$

- Notes:
- Material Specification:
    - Housing: High Temperature Thermoplastic. UL94 V-0, Black;
    - Contact: High Conductivity Copper Alloy;
  - Plating Specification:
    - Contact: Gold plating on Contact area, Matte Tin 80 $\mu$ " min. on Tails, and 50 $\mu$ " min. 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).
    - Dielectric Withstanding Voltage:
      - 1500v DC rms/power blade.
    - Insulation Resistance:
      - 5000 M $\Omega$  min/Power blade.
  - 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: -40~125 $^{\circ}$ c.
  - All parts RoHS and Reach compliant.
  - \* See SPS-PDC-06 for Terminal details.

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	<b>Prolanv</b> <sup>®</sup>			
X $\pm$ 0.30	X $^{\circ}$ $\pm$ 3 $^{\circ}$	PDC2710F0001				
XX $\pm$ 0.20	.X $^{\circ}$ $\pm$ 2 $^{\circ}$	APPROVED BY	TITLE			
XXX $\pm$ 0.05	.XX $^{\circ}$ $\pm$ 1 $^{\circ}$	Henry	EN60A series   Power Male. 8PW+12S, Straight Type			
CUSTOMER DRAWING		CHECKED BY	DWG NO.			
		Poplar	PDC27-10			
SIZE	UNITS	DRAWN BY		SHEET	SCALE	REV
A4	mm[only]	Kaylee		1 / 2	1:1	B1

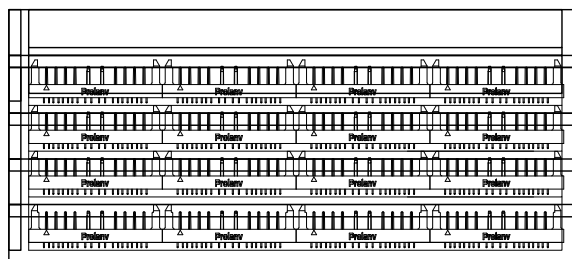
1 2 3 4 5 6 7 8

F

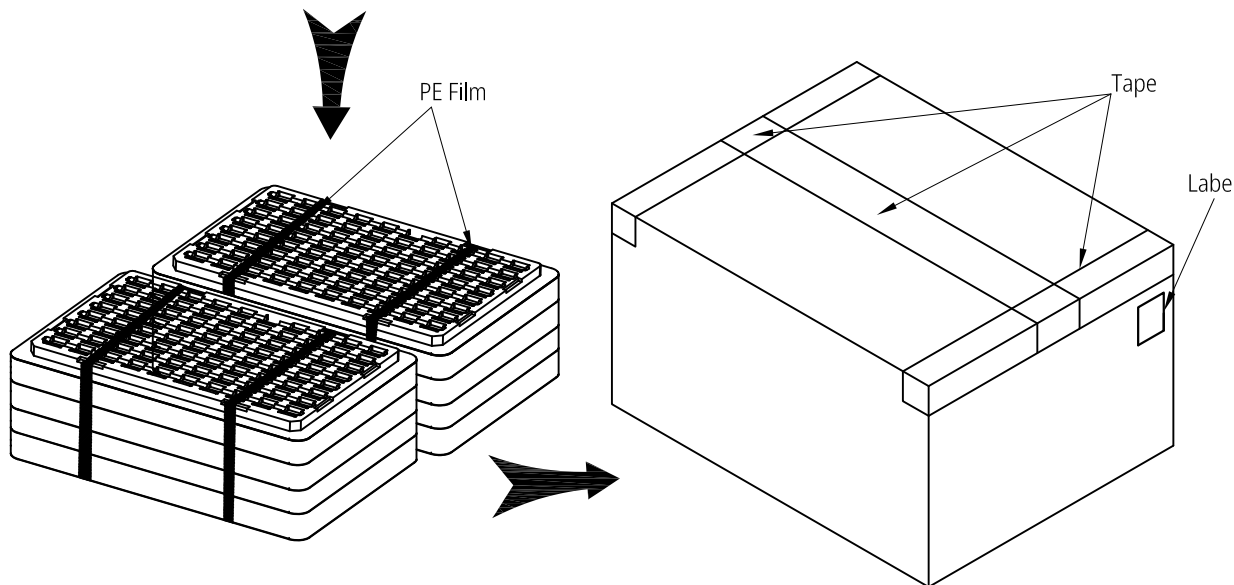
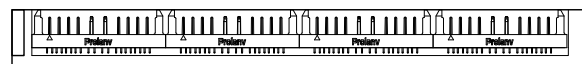
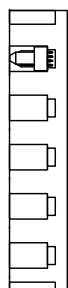
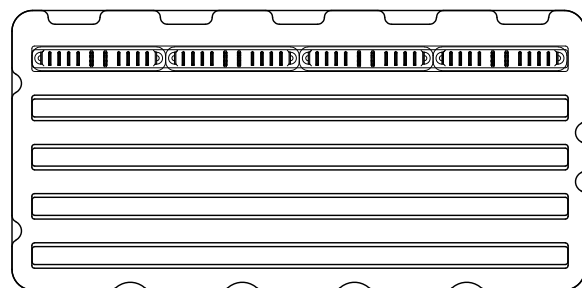
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20Pcs/Tray



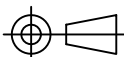
Total: 2x4 Layers



Notes:

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

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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		<b>Prolanv</b> <sup>®</sup>								
X ± 0.30	X° ± 3°	PDC2710F0001										
XX ± 0.20	XX° ± 2°	APPROVED BY		TITLE								
XXX ± 0.05	XXX° ± 1°	Kysin		EN60A series   Power Male. 8PW+12S, Straight Type, Packaging								
CUSTOMER DRAWING		CHECKED BY		DWG NO.								
		Harry		P-PDC27-10								
SIZE	UNITS	DRAWN BY		 <table border="1"> <tr> <td>SHEET</td> <td>SCALE</td> <td>REV</td> </tr> <tr> <td>2 / 2</td> <td>N/A</td> <td>A2</td> </tr> </table>			SHEET	SCALE	REV	2 / 2	N/A	A2
SHEET	SCALE	REV										
2 / 2	N/A	A2										
A4	mm[only]	Lucie										

1 2 3 4 5 6 7 8

A

A