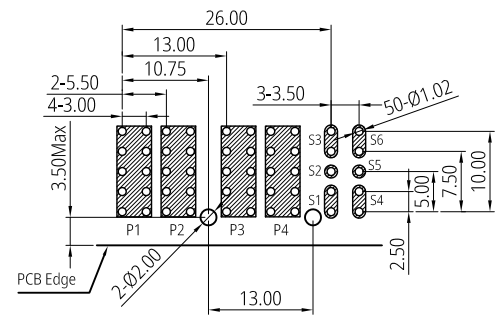


3D View



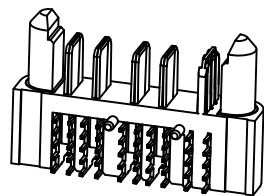
Recommended P.C.B layout (Top View)  
Tolerance ±0.05

**Part Number: PDC0110F0003**  
 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

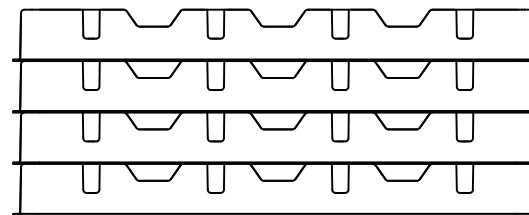
Notes:

- Material Specification:
  - 1-1. Housing: High Temperature Thermoplastic. UL94 V-0, Black;
  - 1-2. Contact: High Conductivity Copper Alloy;
  - 1-3. Metal Rod: Alloy.
- Plating Specification:
  - 2-1. Contact: Gold plating on Contact area, Matte Tin 80µ" min. on Tails, and 50µ" min. Nickel overall;
  - 2-2. Metal Rod: Nickel overall.
- Electrical performance:
  - 3-1. Voltage Rating: 250v DC/power blade, 120v DC/signal pin;
  - 3-2. Current Rating: 60A (per pair power blade).
  - 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.
- 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.
- 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.

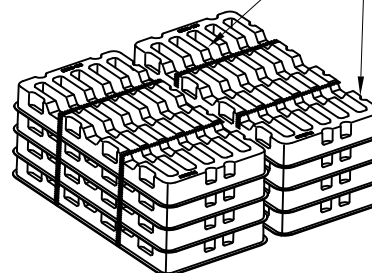
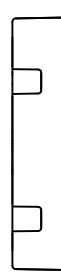
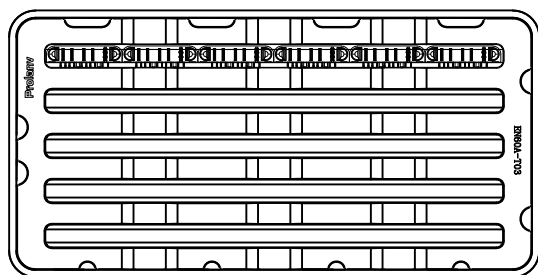
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	<b>PDC0110F0003</b>			<b>Prolanv®</b>				
	X ± 0.30	X.° ± 3°	APPROVED BY							EN60A series   Power Male. 4PW+6S, R/A DIP Type	
	.XX ± 0.20	.X.° ± 2°	Henry	DWG NO. PDC01-03							
	.XXX ± 0.05	.XX.° ± 1°	CHECKED BY Poplar				DRAWN BY Kaylee				
CUSTOMER DRAWING	DRAWN BY		SHEET 1 / 2			SCALE 1:1				REV A0	
SIZE A4	UNITS mm[only]										



30pcs/Tray



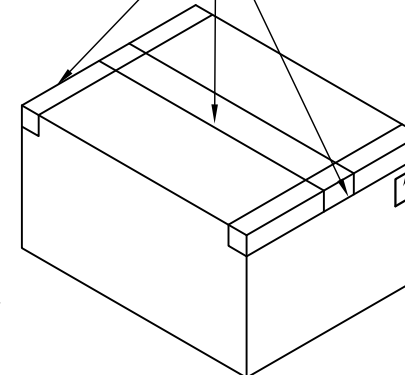
Total 2\*4 Layers



PE Film


Tape

Label



Notes:

1. Q'ty: 30Pcs/Tray, 2x4 Layers=240 Pcs/Carton.
2. Tray Pallet size: 332\*162\*17mm.
3. Carton size: 350\*350\*155mm.

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	X ± 0.20	X° ± 3°	PDC0110F0003			
	.XX ± 0.10	.X° ± 2°	APPROVED BY	TITLE EN60A series   Power Male		
	.XXX ± 0.05	.XX° ± 1°	Henry	4PW+1S, R/A DIP Type, Packaging		
	CUSTOMER DRAWING		CHECKED BY	DWG NO.		
SIZE A4		UNITS mm[only]	Poplar	P-PDC01-03		
		DRAWN BY	Kaylee			
				SHEET	SCALE	REV
				2 / 2	NA	A0