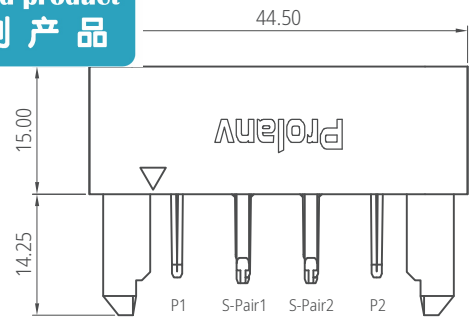
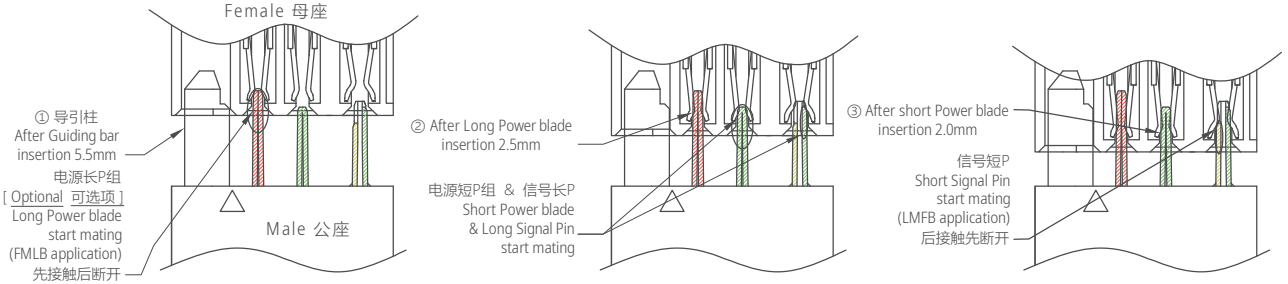
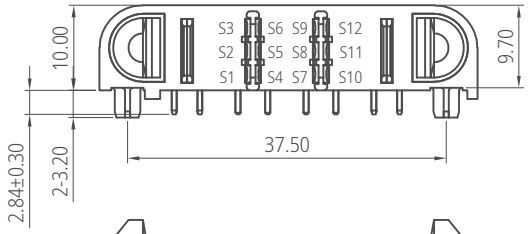
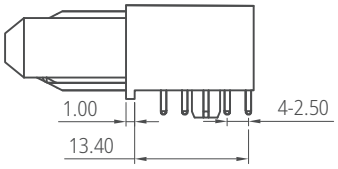
Patented product
专 利 产 品

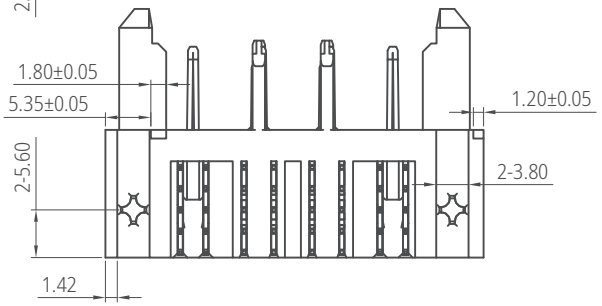


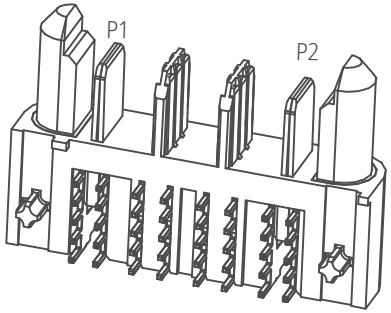
Typical Mating Sequence



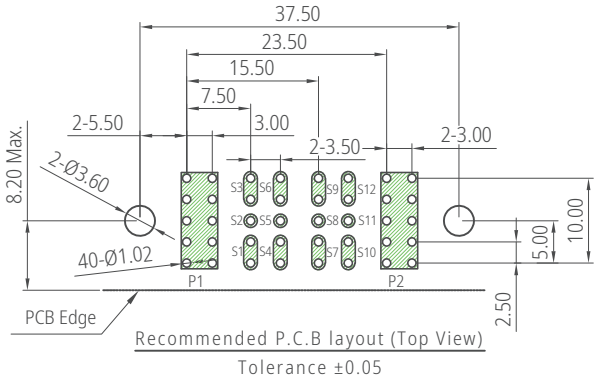








3D View



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;
 1-3. Metal Rod: Alloy.
2. Plating Specification:
 2-1. Contact: Gold plating on Contact area, Matte Tin 80μ" min. on Tails, and 80μ" min. Nickel overall;
 2-2. Metal Rod: 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.

Part Number: PDC2310F0003

Optional Long Power blade
可选项 长电源P组数 | Pairs
Code: 1~9 & A~C

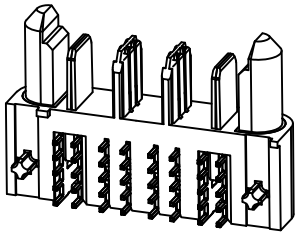
Long Power blade
长电源P组 | 起始位
Start location code: 1~9 & A~C

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

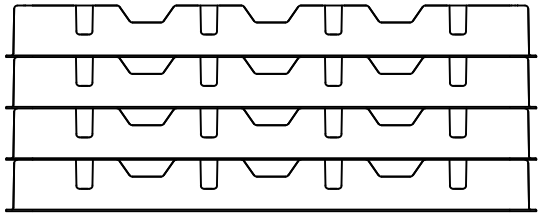
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GENERAL TOLERANCES UNLESS SPECIFIED			
.X ± 0.30	.X° ± 3°	PART NO. PDC2310F0003	Prolanv®
.XX ± 0.20	.X° ± 2°	APPROVED BY Henry	TITLE EN60A series | Power Male. 2PW+12S, R/A DIP Type
.XXX ± 0.10	.XX° ± 1°		
CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. PDC23-03
SIZE	UNITS	DRAWN BY Tang	SHEET 1 / 2 | SCALE 1:1 | REV A0
A4	mm[only]		

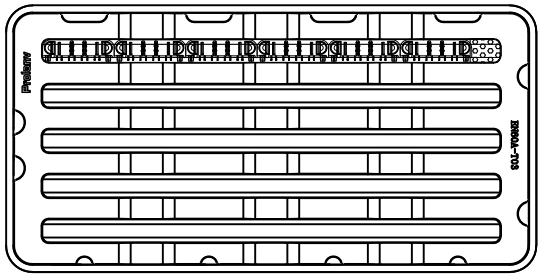
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30pcs/Tray

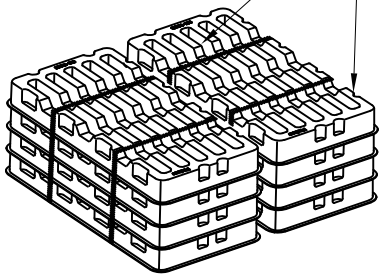


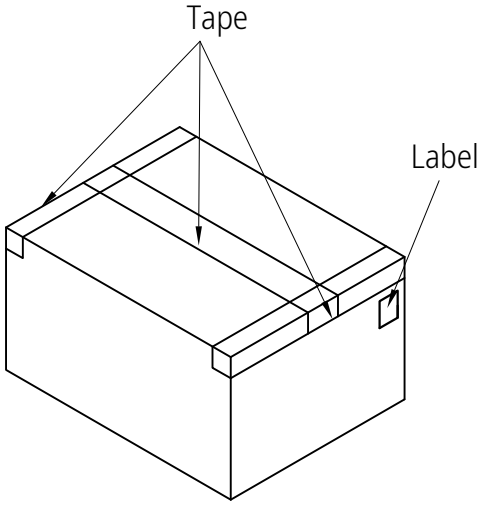
Total 2*3 Layers











Notes:

1. Q'ty: 30Pcs/Tray, 2x3 Layers=180 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: X ± 0.20, X.° ± 3°; .XX ± 0.10, .X° ± 2°; .XXX ± 0.05, .XX° ± 1°	PART NO. PDC2310F0003	Prolanv®
		APPROVED BY Henry	TITLE EN60A series | Power Male 2PW+12S, R/A DIP Type, Packaging
	CUSTOMER DRAWING	CHECKED BY Poplar	DWG NO. P-PDC23-03
	SIZE: A4; UNITS: mm[only]	DRAWN BY Tang	SHEET: 2 / 2; SCALE: NA; REV: A0

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