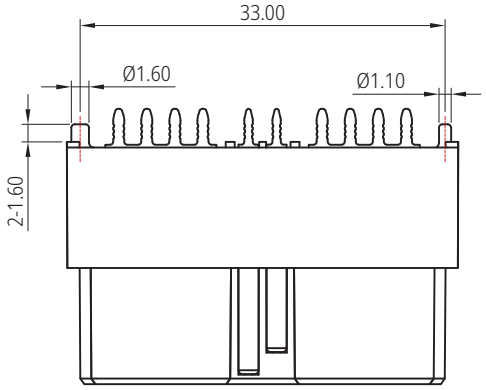
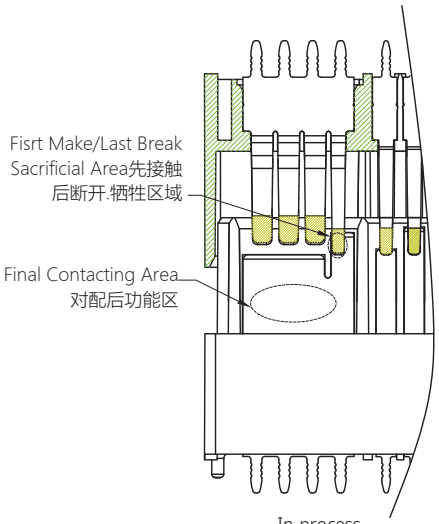
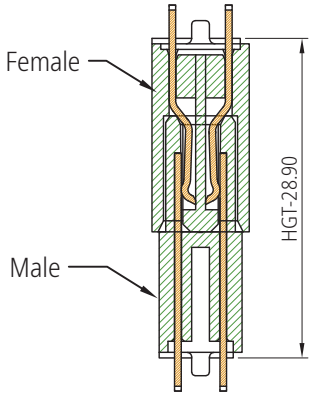
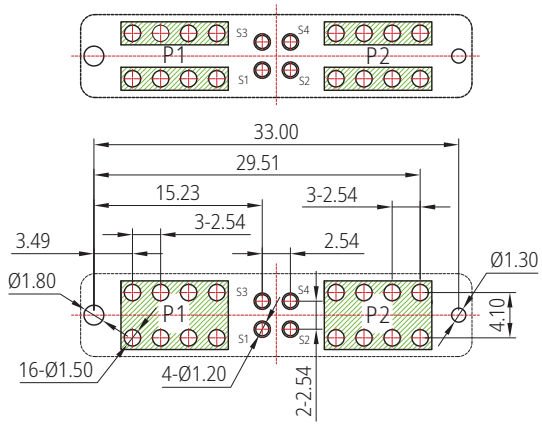




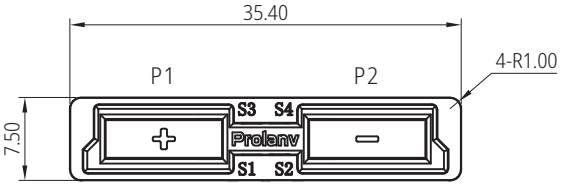
In-process

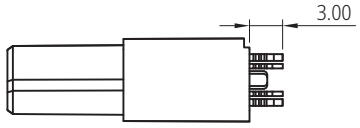


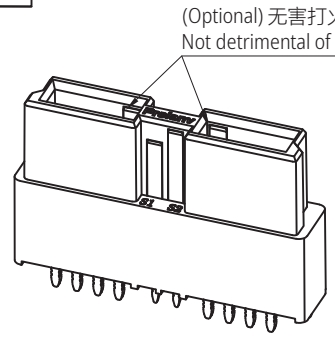
Mating View

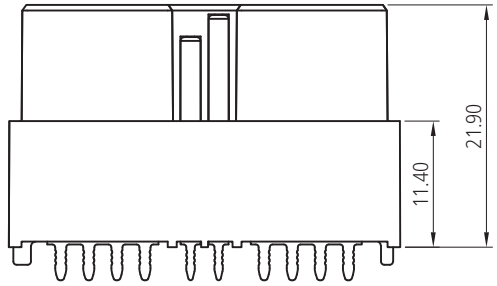


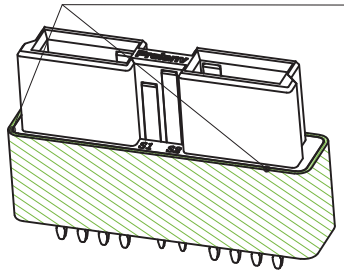
Recommended P.C.B layout (Top View)
Tolerance ±0.05











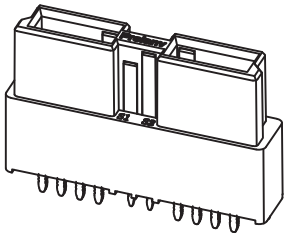
Part Number	PDC5310C0001	普通非防水款 Non-waterproof spec.
Part Number	PDC5311C0001	（可选）预灌胶防水款 (Optional) waterproof spec.

Notes:
1. Material Specification:
   1-1. Housing: High Temperature Thermoplastic. UL94 V-0, Black;
   1-2. Contact: High Conductivity Copper Alloy;
2. Plating Specification:
   2-1. Contact: Gold plating on Contact area, Matte Tin 80μ" min. on Tails, and 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 10mΩ maximum change.(per signal pin).
   3-4. Dielectric Withstanding Voltage:
   1500v DC rms (RMS) for 60s.
   3-5. Insulation Resistance:
   3000 MΩ ,min./Power blade, 500 MΩ min./Signal Pin.
4. Mechanical Performance:
   4-1. Insertion Force: 39.2N (4.0kgf) max.
   4-2. Withdrawal Force: 9.8~34.3N (1.0~3.5kgf).
   4-3. Durability Life: 5,000 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.

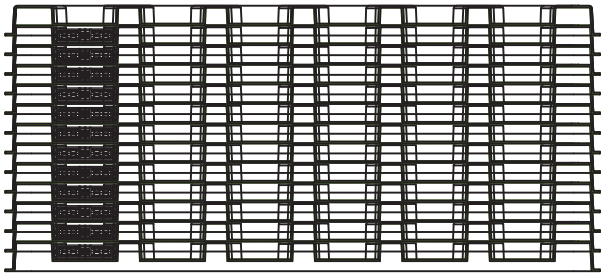
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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
.X ± 0.30	X.°± 3°	PDC5310C0001	
.XX ± 0.20	.X°± 2°	APPROVED BY: Henry	TITLE: Hi-Current Power Male. 4PW (2Pairs) /4S, Straight Type
.XXX ± 0.05	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY: Poplar	DWG NO.: PDC53-10
SIZE: A4	UNITS: mm[only]	DRAWN BY: Kevin	SHEET: 1 / 2 · SCALE: 1:1 · REV: A1

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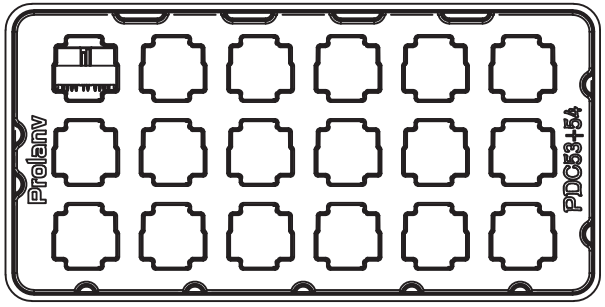
18Pcs/Tray



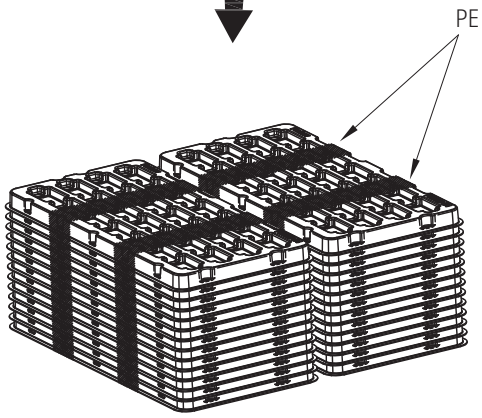
Total: 2x12Layers

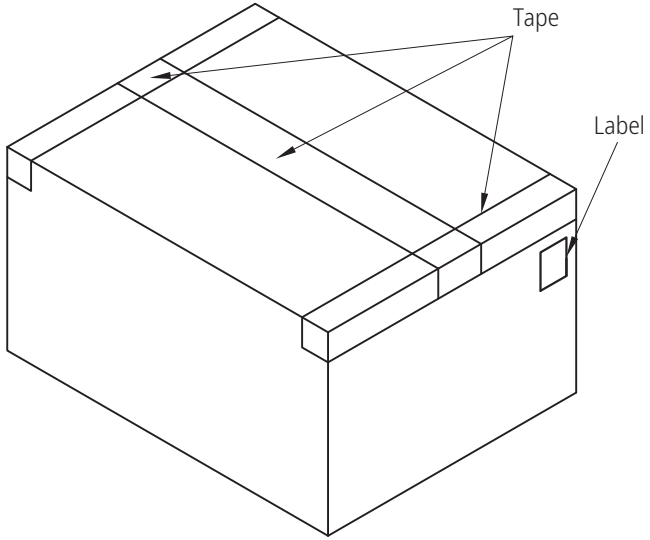
Notes:

1. Q'ty:18 Pcs/Tray, 2x12Layers=432 Pcs/Carton.
2. Tray Pallet size: 332*162mm.
3. Carton size: 350*350*155mm.











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

PART NO. PDC5310C0001	Prolanv®
APPROVED BY Henry	TITLE Hi-Current Power Male 4PW/4S, Straight Type, Packaging
CHECKED BY Poplar	DWG NO. P-PDC53-10
DRAWN BY Kaylee	SHEET 2 / 2 · SCALE NA · REV A0

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