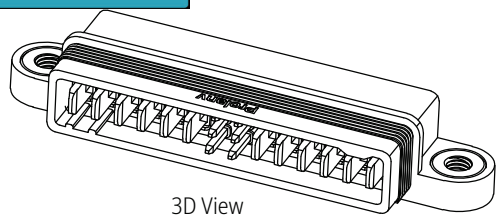
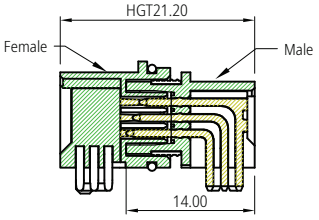
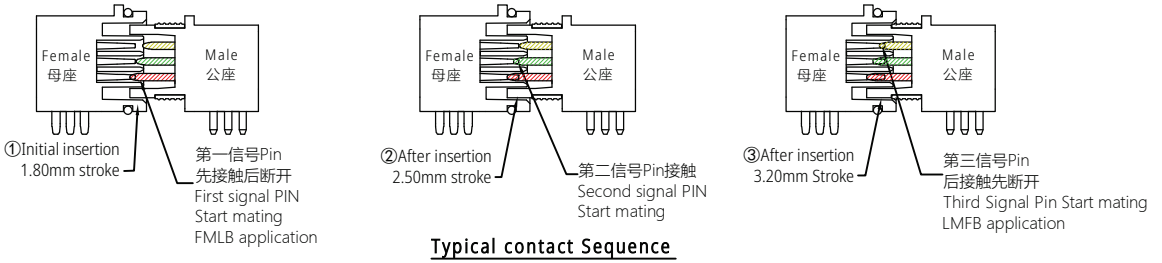
专利产品 Patented Product



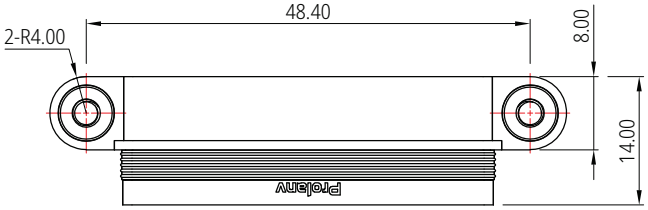
3D View

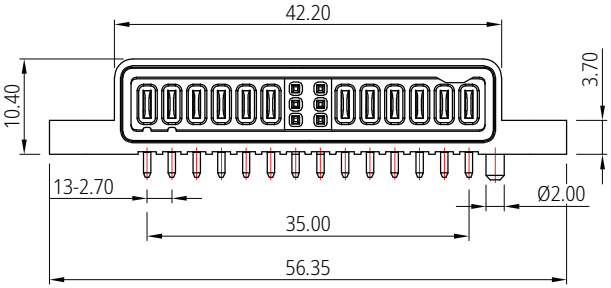


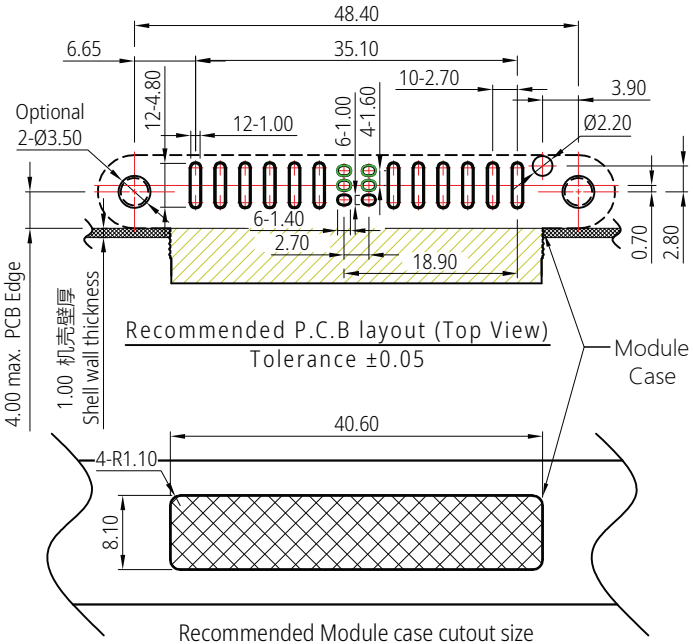
Mating View



Typical contact Sequence

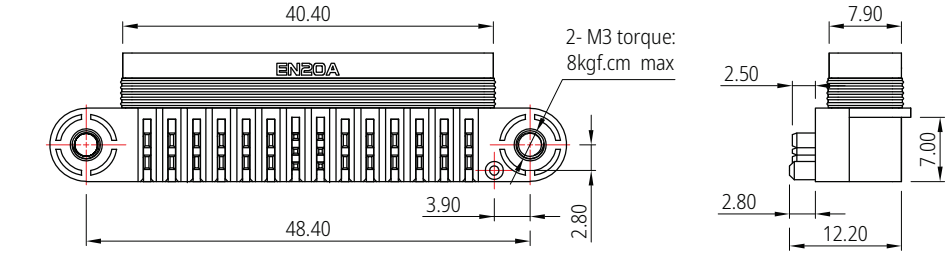






Recommended P.C.B layout (Top View)
Tolerance ±0.05

Recommended Module case cutout size
建议机壳匹配的开孔尺寸



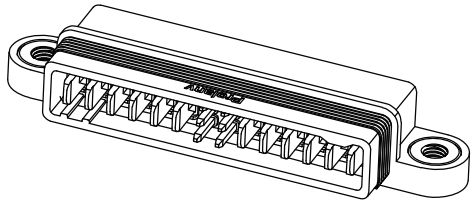
Notes:

1. Material Specification
   - 1-1.Housing: High Temperature Thermoplastic, UL94 V-0,
   - 1-2.Contact: High Conductivity Copper Alloy,
   - 1-3.Screw-Hole: Copper Alloy.
2. Plating Specification
   Contact: Gold plating on Contact area, Matte Tin 80μ" min. on Tails, and 100μ" min. Nickel overall;
3. Electrical performance
   - 3-1. Voltage Rating: 125v DC max./power blade, 36v DC/signal pin;
   - 3-2. Current Rating: 20A max./Per pair power blade, 4A/Per Signal Pin.
   - 3-3. LLCR:
     initial 0.5mΩ max., finished 1.0mΩ maximum change.(per pair power blade);
     initial 10mΩmax., finished 20mΩ maximum change.(per signal pin).
   - 3-4. Dielectric Withstanding Voltage: 500v AC (RMS) for 60S
   - 3-5. Insulation Resistance: 1000 MΩ min/Power blade; 500 MΩ min/Signal Pin.
4. Mechanical Performance:
   - 4-1. Insertion Force: 9.8N (1.0kgf) max./Per Pair;
   - 4-2. Withdrawal Force: 3.5~8.5N (0.35~0.86kgf)/Per Pair;
   - 4-3. Durability Life: 3,000 cycles.
5. IR Reflow:
   The peak temperature on board shall be maintained for 10 seconds at 260±5°c.
6. Waterproof Level ≥IPX6 in the mated connector module state.
7. Operating Temperature Range: -40~125°c(without loss function).
8. All parts RoHS and Reach compliant.

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GENERAL TOLERANCES UNLESS SPECIFIED			
.X± 0.30	.X°± 3°	PART NO. PDC6310C0001	Prolanv®
.XX± 0.20	.X°± 2°	APPROVED BY Henry	TITLE EN20A series | Power Male R/A DIP Type. 12PW+6S
.XXX± 0.10	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY /	DWG NO. PDC63-10
SIZE A4	UNITS mm[only]	DRAWN BY Yang	SHEET 1 / 2 · SCALE 1:1 · REV A2

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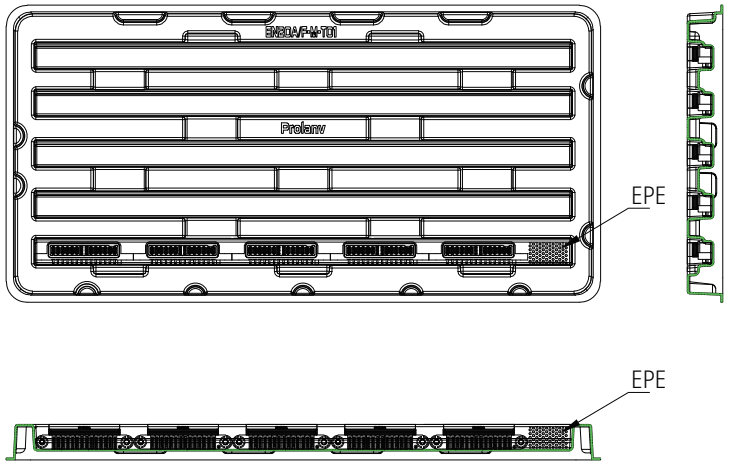


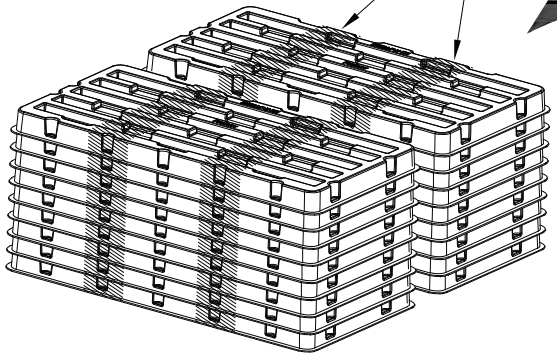
25Pcs/Tray

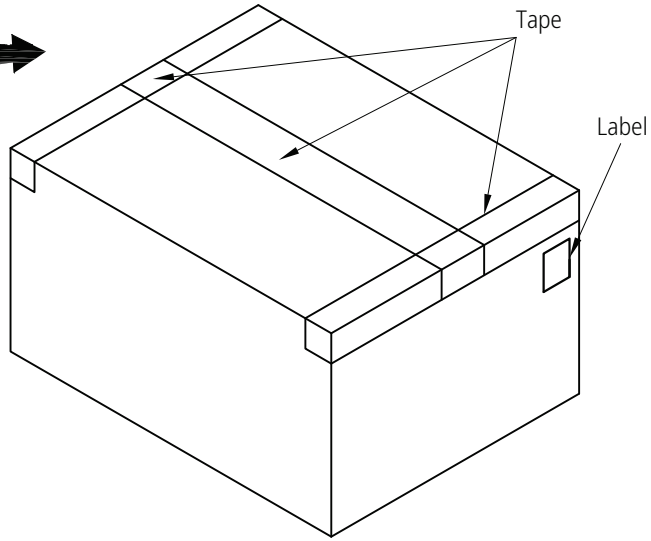


Total: 2x8Layers

PE Film







Notes:

1. Q'ty:25 Pcs/Tray, 2x8 Layers=400 Pcs/Carton.
2. Tray Pallet size: 340*170mm.
3. Carton size: 350*350*155mm.

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		APPROVED BY Henry	TITLE EN20A series | Power Male R/A DIP Type. 12PW+6S. Packaging
	CUSTOMER DRAWING	CHECKED BY Poplar	DWG NO. P-PDC63-10
	SIZE A4 / UNITS mm[only]	DRAWN BY Bing	SHEET 2 / 2 · SCALE NA · REV A1

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