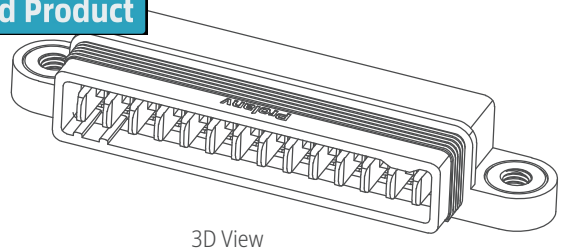
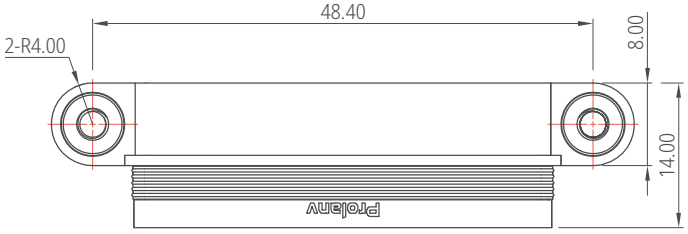
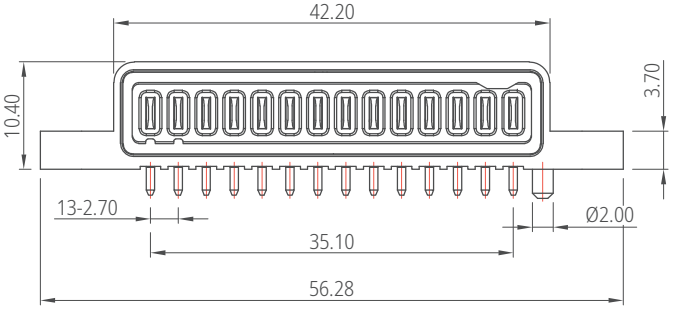
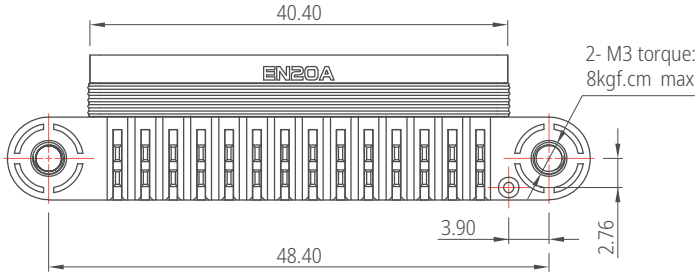
专利产品 Patented Product

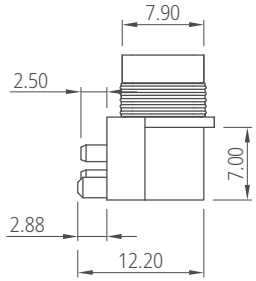


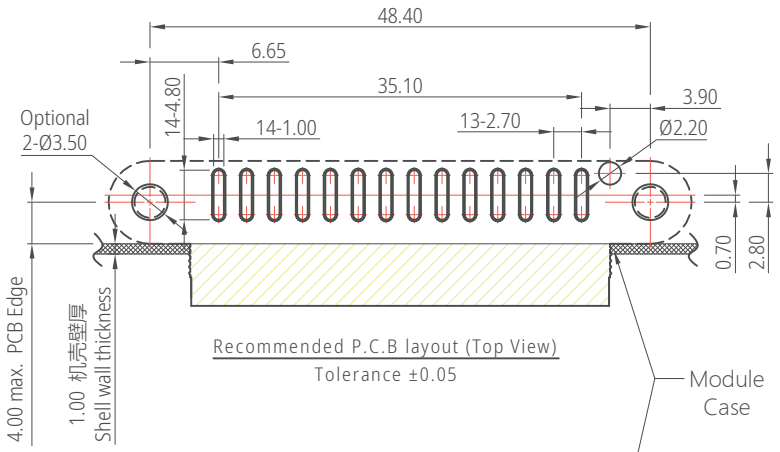
3D View



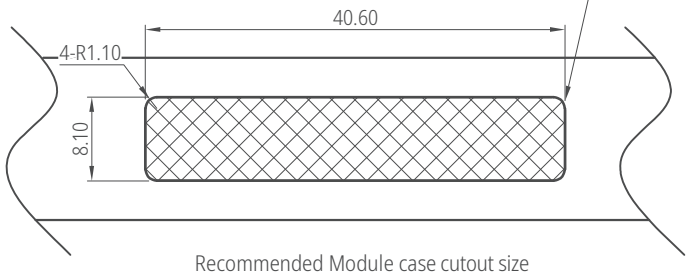




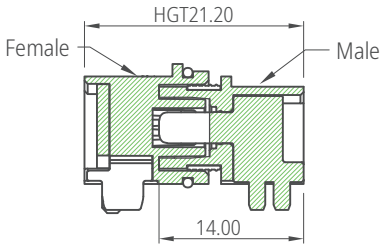




Recommended P.C.B layout (Top View)
Tolerance ±0.05



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



Mating View

Notes:

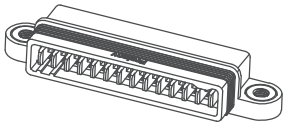
1. Material Specification
   1-1.Housing: High Temperature Thermoplastic, UL94 V-0,
   1-2.Contact: High Conductivity Copper Alloy,
   1-3.Screw-Hole: Copper Alloy.
2. Plating Specification
   Contact: Gold plating on Contact area, Matte Tin 80μ" min.
   on Tails, and 100μ" min. Nickel overall,
3. Electrical performance
   3-1. Voltage Rating: 125v DC max./power blade;
   3-2. Current Rating: 20A max./Per pair power blade;
   3-3. LLCR: initial 0.5mΩ max.,
   finished 1.0mΩ maximum change;
   3-4. Dielectric Withstanding Voltage: 500v AC (RMS) for 60S ;
   3-5. Insulation Resistance: 1000 MΩ min/Power blade.
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.
8. All parts RoHS and Reach compliant.

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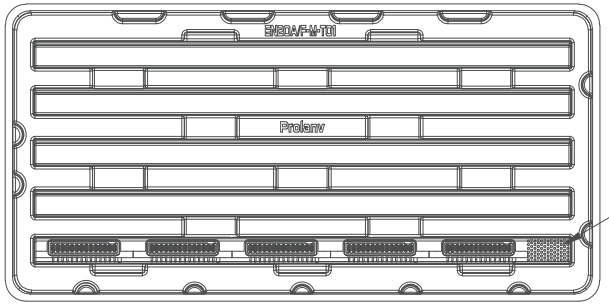
GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
.X± 0.30	X.°± 3°	PDC6910C0001	
.XX± 0.20	.X°± 2°	APPROVED BY: Henry	TITLE: EN20A series | Power Male R/A DIP Type. 14PW
.XXX± 0.10	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY: Yang	DWG NO.: PDC69-10

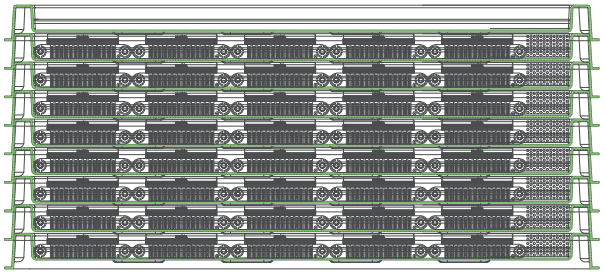
SIZE	UNITS	DRAWN BY	SHEET	SCALE	REV
A4	mm[only]	Wang	1 / 2	1:1	A2

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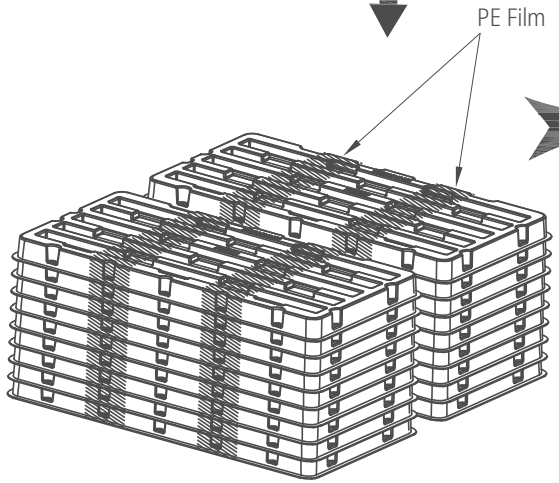


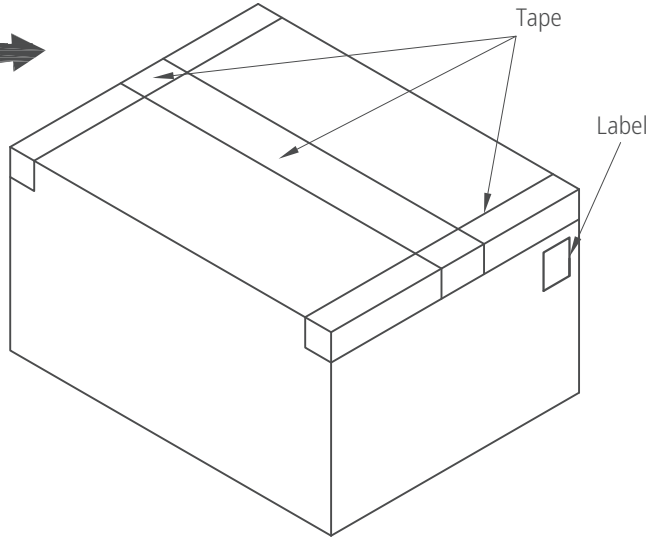
25Pcs/Tray





Total: 2x8Layers





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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GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®
X± 0.30	X.°± 3°	PDC6910C0001	
.XX± 0.20	.X°± 2°	APPROVED BY Henry	TITLE EN20A series | Power Male R/A DIP Type. 14PW. Packaging
.XXX± 0.10	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. P-PDC69-10
SIZE A4	UNITS mm[only]	DRAWN BY Bing	SHEET 2 / 2 · SCALE NA · REV A1

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