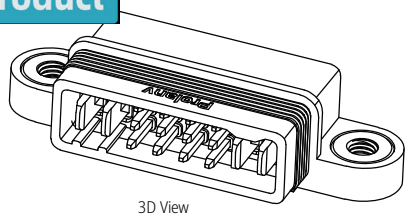
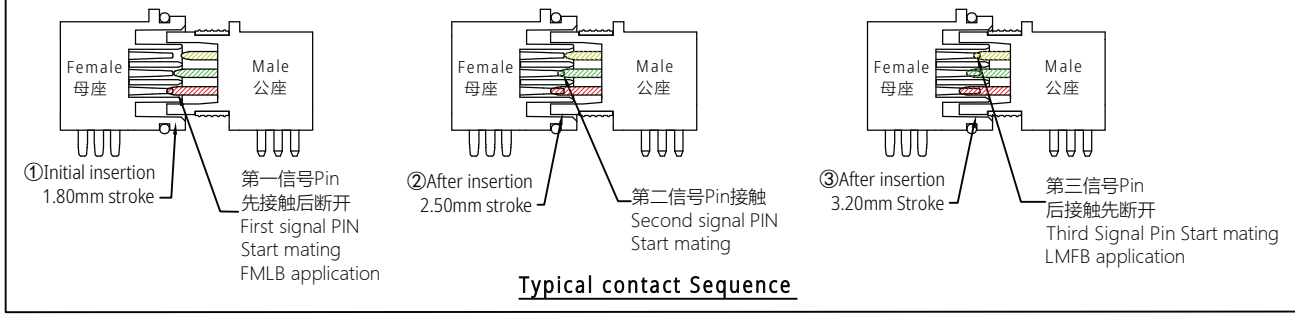
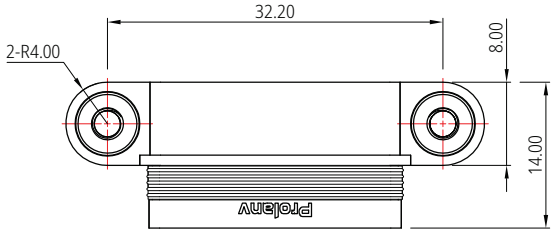
专利产品 Patented Product WaterProof 防水

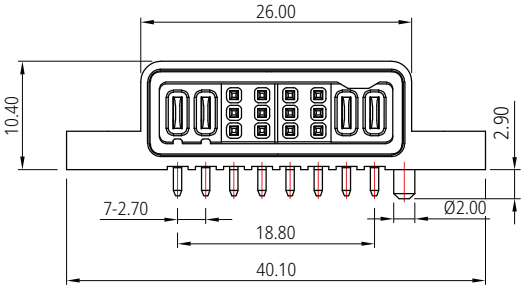


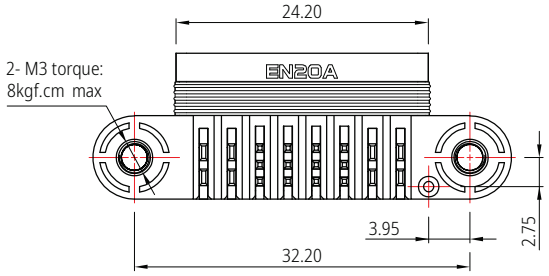
3D View

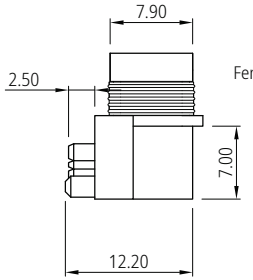


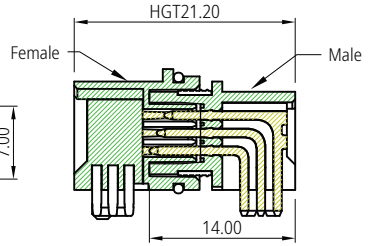
Typical contact Sequence



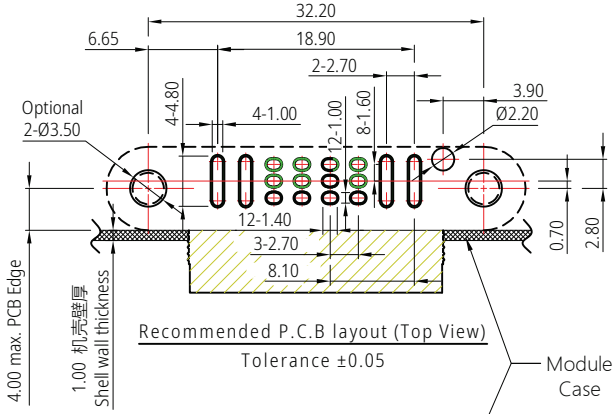




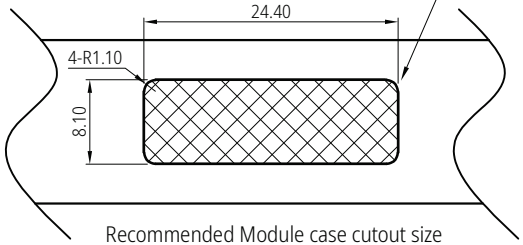




Mating View



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

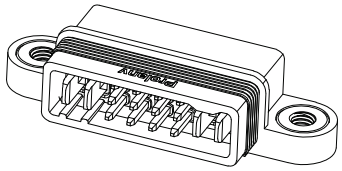
Notes:

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.

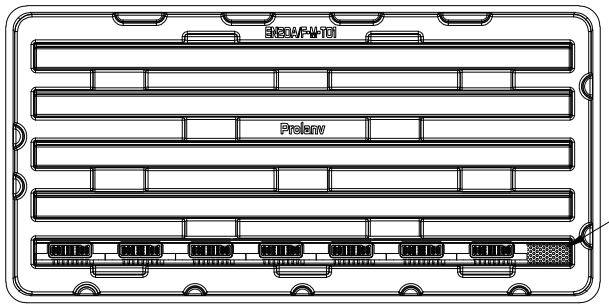
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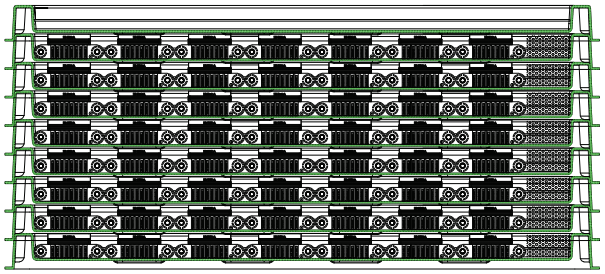
GENERAL TOLERANCES UNLESS SPECIFIED				PART NO.	Prolanv®
.X ±	0.30	X.° ±	3°	PDC5510C0001	
.XX ±	0.20	.X° ±	2°	APPROVED BY: Henry	TITLE: EN20A series | Power Male R/A DIP Type. 4PW+12S
.XXX ±	0.10	.XX° ±	1°		
CUSTOMER DRAWING				CHECKED BY: Yang	DWG NO.: PDC55-10
SIZE	UNITS			DRAWN BY: Wang	SHEET: 1 / 2 · SCALE: 1:1 · REV: A2
A4	mm[only]				

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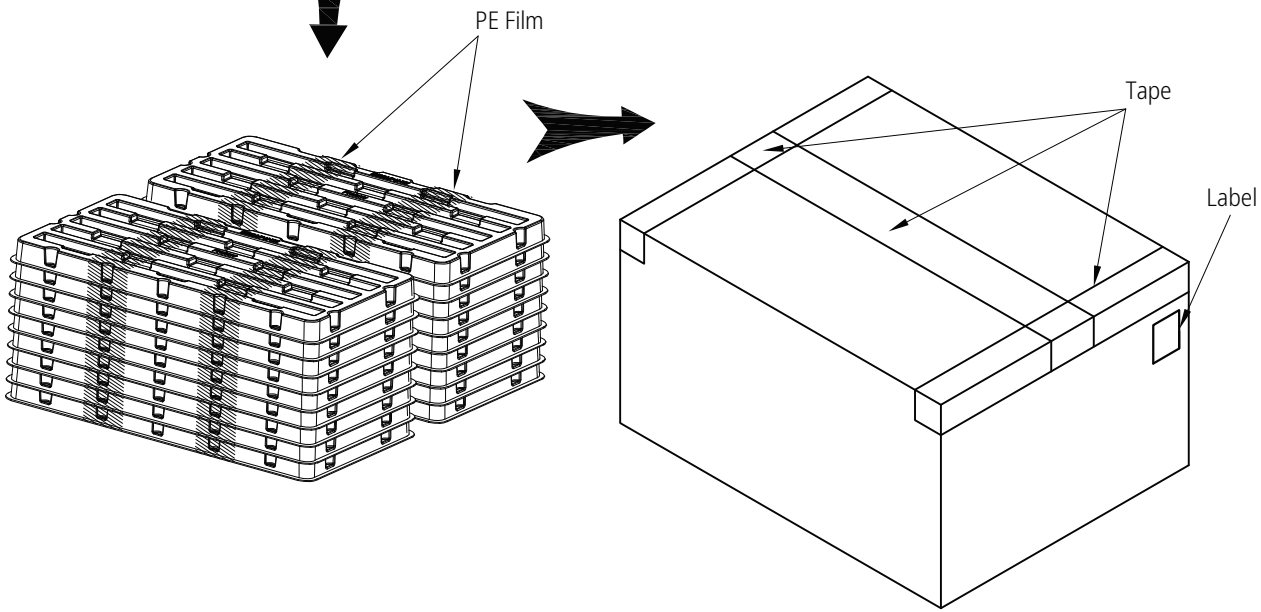


35Pcs/Tray





Total: 2x8Layers



Notes:

1. Q'ty:35 Pcs/Tray, 2x8 Layers=560 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°	PDC5510C0001	
.XX± 0.20	.X°± 2°	APPROVED BY: Henry	TITLE: EN20A series | Power Male R/A DIP Type. 4PW+12S. Packaging
.XXX± 0.10	.XX°± 1°		
CUSTOMER DRAWING		CHECKED BY: Poplar	DWG NO.: P-PDC55-10
SIZE: A4	UNITS: mm[only]	DRAWN BY: Bing	SHEET: 2 / 2 | SCALE: NA | REV: A1

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