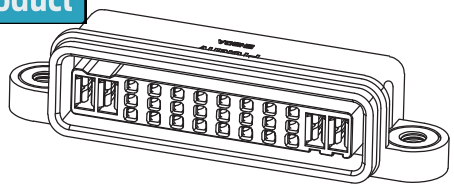
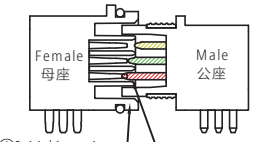
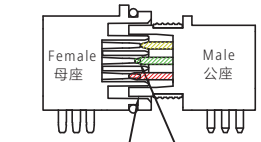
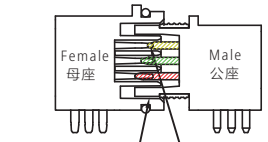
专利产品 Patented Product



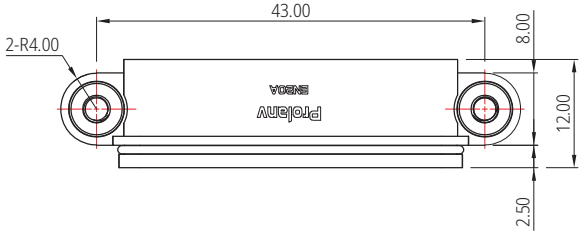
3D View

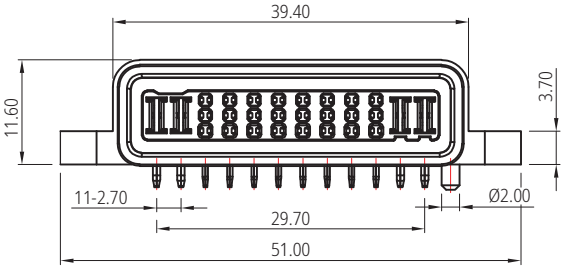


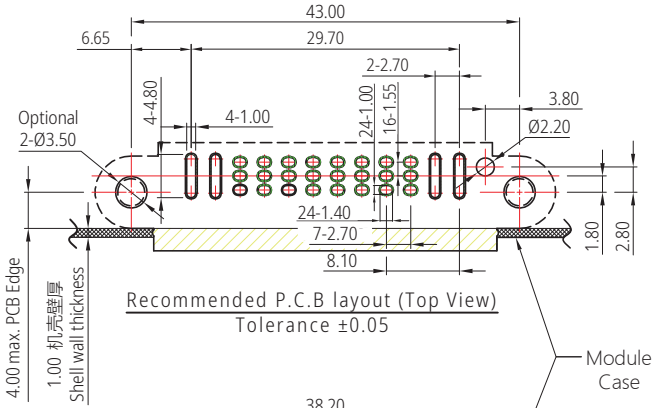




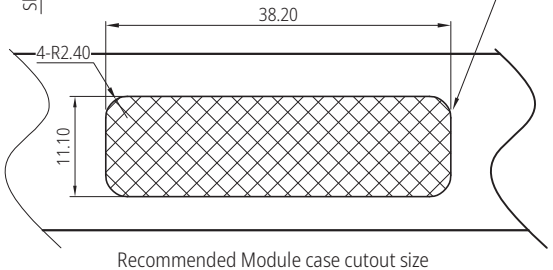
Typical contact Sequence



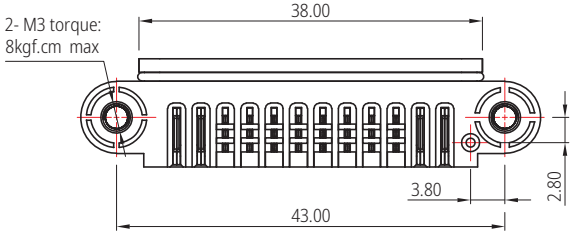


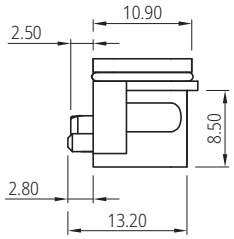


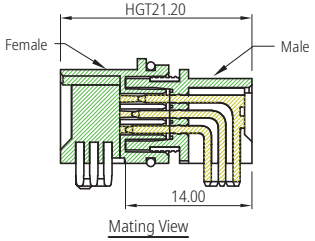
Recommended P.C.B layout (Top View)
Tolerance ±0.05



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







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, 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.

THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION

GENERAL TOLERANCES UNLESS SPECIFIED			
.X ± 0.30		X.° ± 3°	
.XX ± 0.20		.X° ± 2°	
.XXX ± 0.10		.XX° ± 1°	
CUSTOMER DRAWING			
SIZE	UNITS		
A4	mm[only]		

PART NO.	PDC5810C0001
APPROVED BY	Henry
CHECKED BY	Poplar
DRAWN BY	Bing

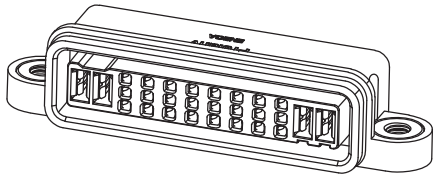
Prolanv®

TITLE: EN20A series | Power Female R/A DIP Type. 4PW+24S

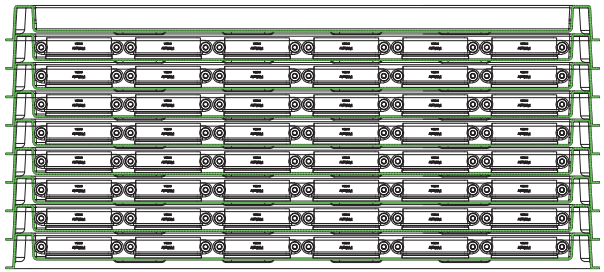
DWG NO. PDC58-10

SHEET	SCALE	REV
1 / 2	1:1	A2

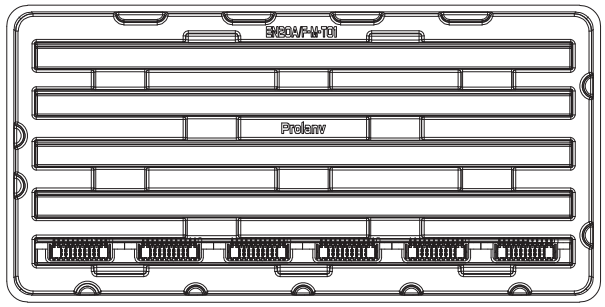
Copyright Shenzhen Prolanv Inc. www.prolanv.com

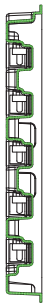


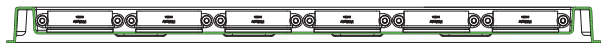
30 Pcs/Tray

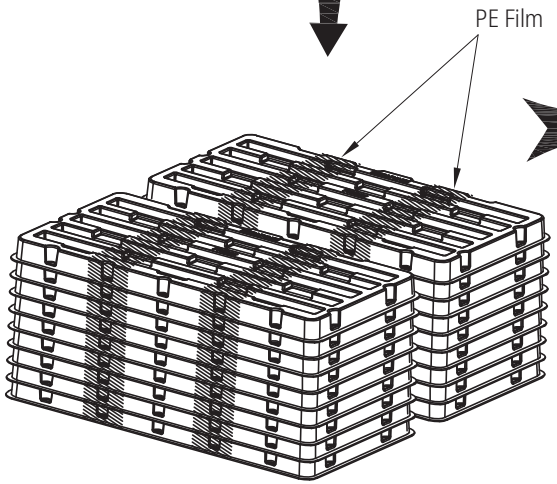


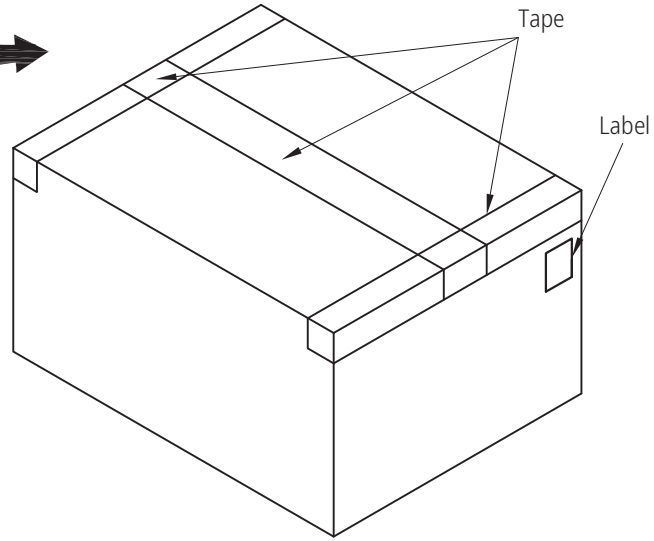
Total: 2x8Layers











Notes:

1. Q'ty:30 Pcs/Tray, 2x8 Layers=480 Pcs/Carton.
2. Tray Pallet size: 340*170mm.
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 ± 0.30 / X.° ± 3° .XX ± 0.20 / .X° ± 2° .XXX ± 0.10 / .XX° ± 1°	PART NO. PDC5810C0001	Prolanv®
		APPROVED BY Henry	TITLE EN20A series | Power Female R/A DIP Type. 4PW+24S Packaging
	CUSTOMER DRAWING	CHECKED BY Poplar	DWG NO. P-PDC58-10
	SIZE A4 / UNITS mm[only]	DRAWN BY Bing	SHEET 2 / 2 / SCALE NA / REV A2

Copyright Shenzhen **Prolanv** Inc. www.prolanv.com