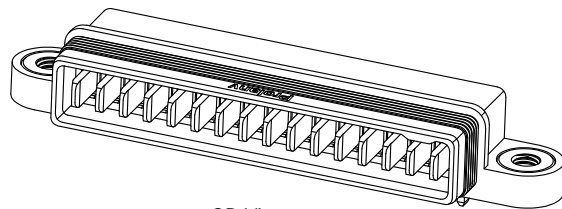
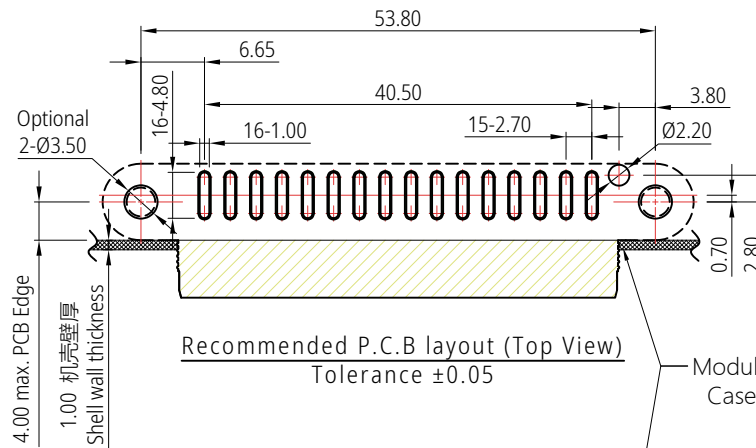
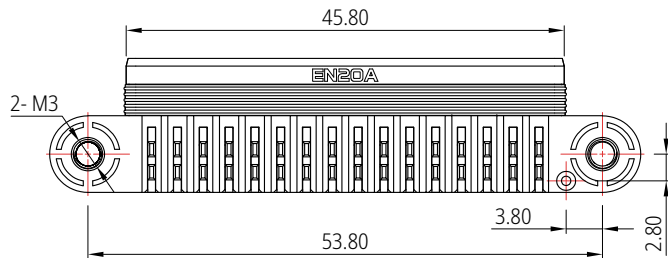
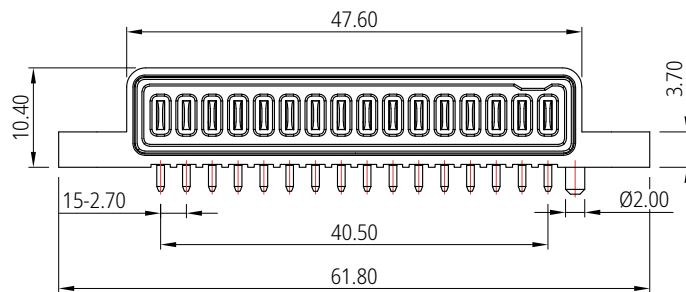
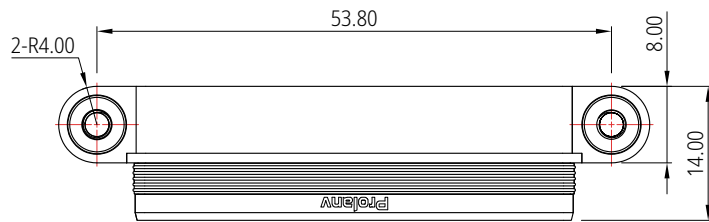


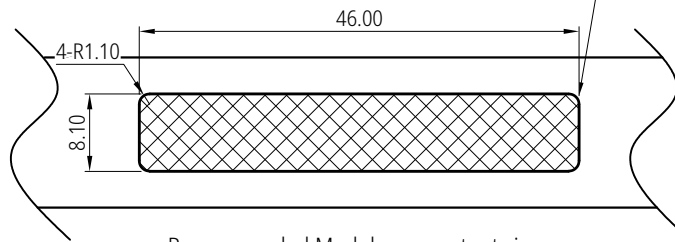
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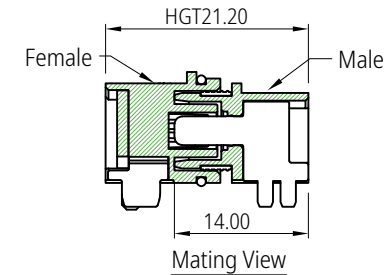
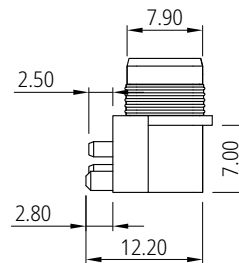
3D View



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

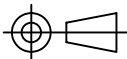


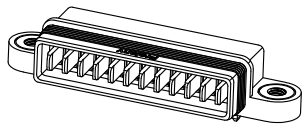
Recommended Module case cutout size
建议机壳匹配的开孔尺寸



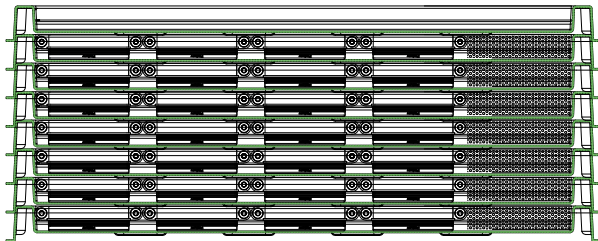
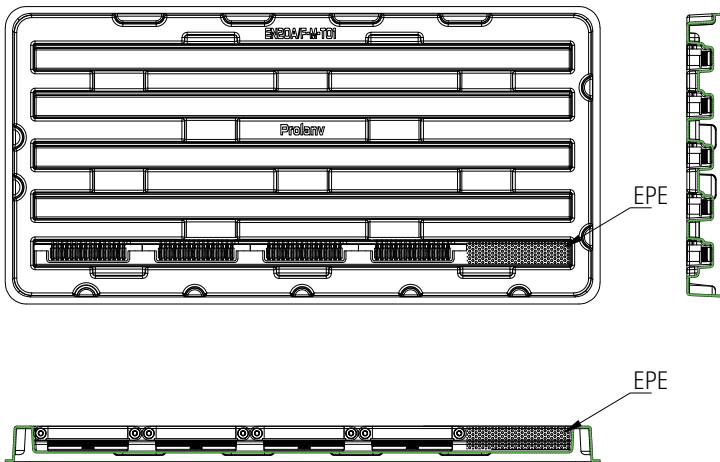
Notes:

- Material Specification
 - 1-1.Housing: High Temperature Thermoplastic, UL94 V-0,
 - 1-2.Contact: High Conductivity Copper Alloy,
 - 1-3.Screw-Hole: Copper Alloy.
- Plating Specification
Contact: Gold plating on Contact area, Matte Tin 80μ " min. on Tails, and 100μ " min. Nickel overall,
- 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 $0.5m\Omega$ max.,
finished $1.0m\Omega$ maximum change;
 - 3-4. Dielectric Withstanding Voltage: 500v AC (RMS) for 60S ;
 - 3-5. Insulation Resistance: 1000 M Ω min/Power blade.
- 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.
- IR Reflow:
The peak temperature on board shall be maintained for 10 seconds at $260\pm 5^\circ\text{C}$.
- Waterproof Level $\geq$ IPX6 in the mated connector module state.
- Operating Temperature Range: $-40\sim 125^\circ\text{C}$.
- All parts RoHS and Reach compliant.

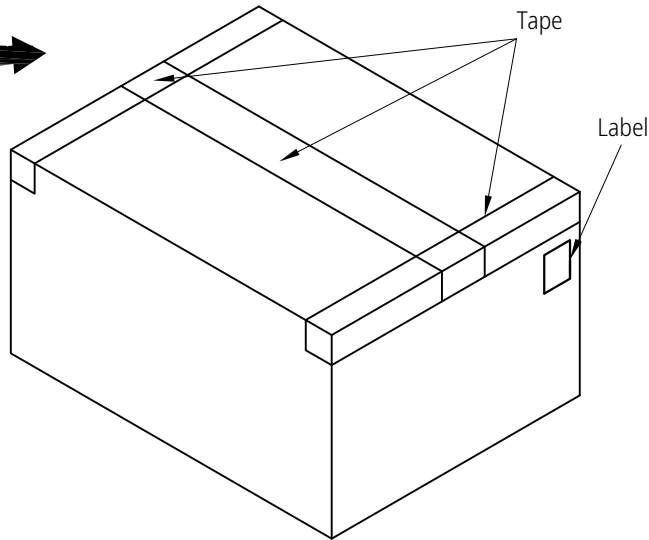
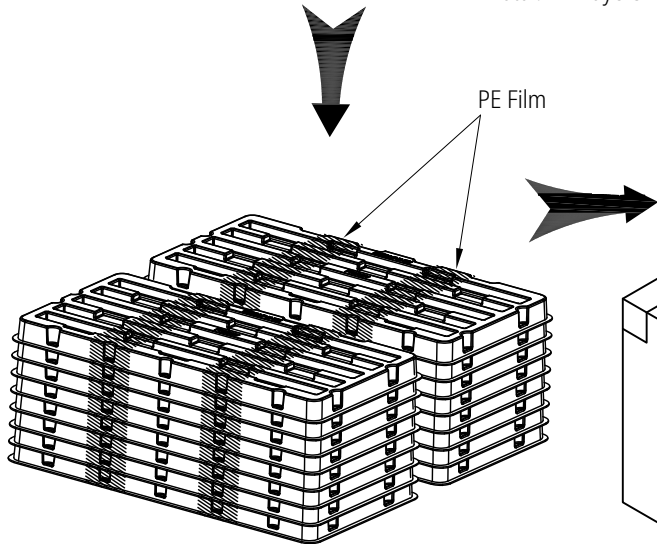
THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO. PDC7110C0001	Prolanv®			
	X± 0.30	X°± 3°					
	XX± 0.20	X°± 2°					
	XXX± 0.10	XX°± 1°	APPROVED BY Henry	TITLE EN20A series Power Male R/A DIP Type. 16PW			
	CUSTOMER DRAWING		CHECKED BY Poplar	DWG NO. PDC71-10			
	SIZE	UNITS	DRAWN BY Tang		SHEET	SCALE	REV
	A4	mm[only]			1 / 2	1:1	A0



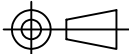
20 Pcs/Tray



Total: 2x7Layers



- Notes:
1. Q'ty:20 Pcs/Tray, 2x7 Layers=280 Pcs/Carton.
 2. Tray Pallet size: 340*170mm.
 3. Carton size: 350*350*155mm.

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	X± 0.30	X°± 3°	APPROVED BY Henry		TITLE EN20A series Power Male R/A DIP Type. 16PW. Packaging		
	XX± 0.20	X°± 2°	CHECKED BY Poplar		DWG NO. P-PDC71-10		
	XXX± 0.10	XX°± 1°					
	CUSTOMER DRAWING		DRAWN BY Tang				
	SIZE	UNITS					
	A4	mm[only]					
				SHEET	SCALE	REV	
				2 / 2	NA	A0	