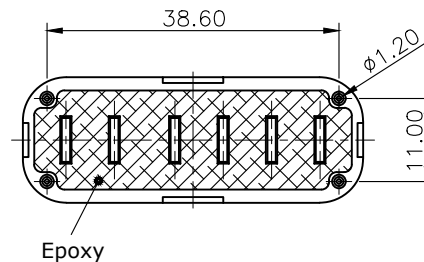
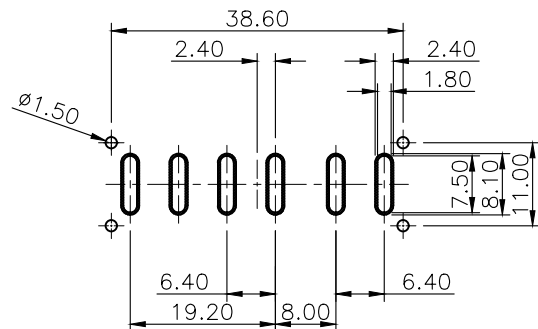
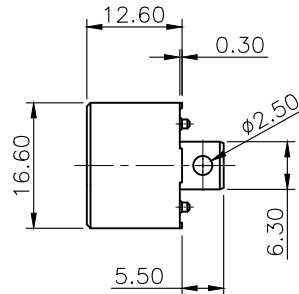
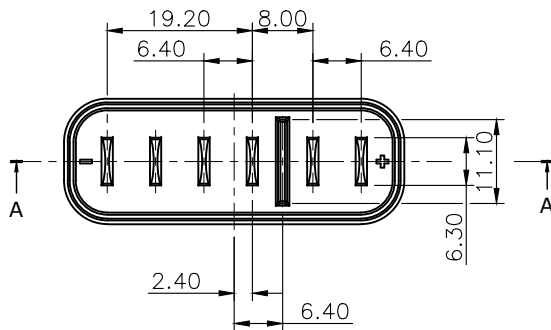


Section A-A



BACK VIEW

Recommended PCB Layout
General Tolerance: $\pm 0.05\text{mm}$

REV.	DESCRIPTION	DRAWN	DATE
1	INITIAL RELEASE	FROS	2026/07/20

SPECIFICATION:

1. ELECTRICAL

- 1.1 Current Rating: 30A
- 1.2 Voltage Rating: 60VDC
- 1.3 Contact Resistance: 30mΩ
- 1.4 Insulation Resistance: 1000MΩ
- 1.5 Dielectric Withstanding Voltage: 500VAC

2. MECHANICAL

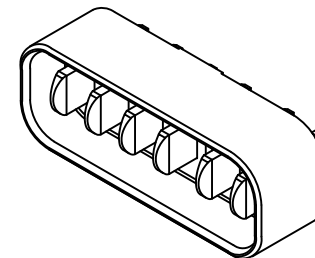
- 2.1 Durability: 3,000 Cycle
- 2.2 Mating Force: 8kg
- 2.3 Un mating Force: 0.5kg

3. ENVIRONMENTAL

- 3.1 Operating temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 3.2 Storage temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- 3.3 Waterproof: IP67

4. SOLDER ABILITY

- 4.1 Solder Temperature: 245°C



3	GLUE	EPOXY			
2	CONTACT	Copper alloy, 120u" Nickel			
1	HOUSING	Thermoplastic, UL94V-0, Black			
NO.	PART NAME	DESCRIPTION			
UNLESS OTHERWISE SPECIFIED TOLERANCE					
UNIT:	DECIMAL			LINEAR	ANGLES
mm	X.			±0.50	±5°
	X.X			±0.25	±3°
	X.XX			±0.12	±1°
		www.attend.com.tw			
DRAWN	Fros	2026/07/20	DRAWN NAME: Blade Battery Connector, Male, DIP, Vertical, H=12.6, 6 Pin, IP67, 30A		
CHECKED	Tim	2026/07/20			
APPROVED	Ken	2026/07/20			
	SCALE 1/1	SHEET 1/1	SIZE A4	PRODUCT NO.	304B-6406PN1
				FILE NAME	304B-6406PN1_B_1