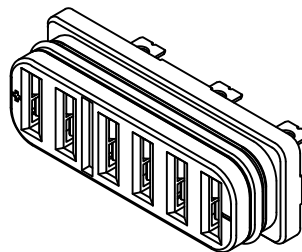


Recommended PCB Layout
General Tolerance: $\pm 0.05\text{mm}$



4	GLUE	EPOXY
3	ORING	Rubber, black
2	CONTACT	Copper alloy, 120u" Nickel
1	HOUSING	Thermoplastic, UL94V-0, Black

NO.		PART NAME	DESCRIPTION
UNLESS OTHERWISE SPECIFIED TOLERANCE			
UNIT:	DECIMAL	LINEAR	ANGLES
	X.	± 0.50	$\pm 5^\circ$
	X.X	± 0.25	$\pm 3^\circ$
	X.XX	± 0.12	$\pm 1^\circ$
www.attend.com.tw			
DRAWN	Fros	2026/07/20	DRAWN NAME:
CHECKED	Tim	2026/07/20	Blade Battery Connector, Female, DIP, Vertical, H=11.5, 6 Pin, IP67, 30A
APPROVED	Ken	2026/07/20	PRODUCT NO. 304B-6406SN1
SCALE 1/1	SHEET 1/1	SIZE A4	FILE NAME 304B-6406SN1_B_1

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