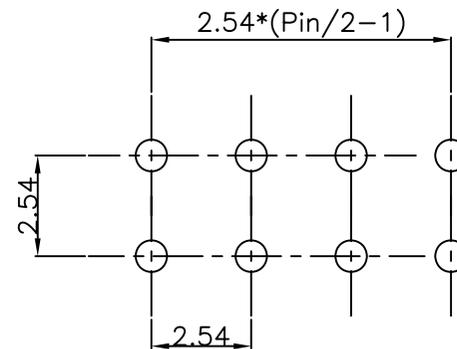


NOTE

1. Material
Plunger: Brass 3604
Barrel: Brass 3604
Spring: SUS304
Housing: PA6T
2. Plating
Plunger: 3u" Au over 50~100 micro-inch nickel
Barrel: 3u" Au over 50~100 micro-inch nickel
3. Electrical
Rated current & voltage: DC 12V; 3.0A Max.
Contact resistance: 50 mohm maximum at normal working height (quiescence)
4. Mechanical
Spring force: 50g±20% at normal working height

Durability: 10,000 cycles (minimum)
5. To ensure the best usage, please operate it based on the working height. Based on the engineering drawings, shall not exceed the maximum allowed compression.
6. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
7. RoHS compliant product.



RECOMMEND PCB LAYOUT
Layout Tolerance: ± 0.05mm

A
B
C

D

E				DRAWN: Ken Wang	GENERAL TOLERANCE: .X=±0.2 .XX=±0.15		DESCRIPTION: Pogo Pin Double Row H=5.9mm	SIZE A4
D				CHECKED: Lily Chou				
C				APPROVAL: Chao Peng	SCALE: 2:1	PART NO: PG254-XXG-59		
B					SHEET: 1 / 1			
A	25-Nov-2021	(H0001)	Ken Wang					
REV	DATE	FILE	BY					