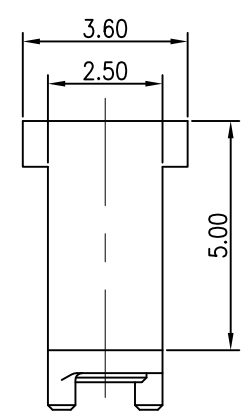


RECOMMEND PCB LAYOUT
Layout Tolerance: ± 0.05 mm

NOTES: ALL DIMENSIONS AND NOTES MARKED * ARE CRITICAL AND MUST BE CHECKED IN ACCORDANCE WITH QUALITY DOC. QI-02A

NOTES:

- Materials:
 - .Housing&Cap: Black HTN(UL94V-0)
 - .Plunger: Brass C3604
 - .Barrel: Brass C3604
 - .Spring: SUS304
- Plating:
 - .Contact Surface: 10 micro-inch minimum Au over 50~100 micro-inch Ni.
- Electrical
 - .Rated Current & Voltage: DC 50V; 1A
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Spring Force: 120g $\pm 20\%$ at Normal Working Height
 - .Durability: 10,000 cycles(minimum)
- .When the current is greater than 1A then need to increase the time delay circuit(3 second)
- .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.
- .RoHs and HF compliant product.
- .Operation temperature at -40°C to $+105^{\circ}\text{C}$.



Leo	4	23.04.14	A427
Leo	3	13.11.13	A419
Allan	2	28.02.08	A113
Allan	1	01.08.06	-
NAME	ISS.	DATE	C/NOTE
APPROVED: B.Lim			
CHECKED: D.P			
DRAWN: Leo			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 $0 \sim 6.0 = \pm 0.05$ mm
 $> 6 \sim 30 = \pm 0.10$ mm
 $> 30 \sim 120 = \pm 0.15$ mm
 X. = $\pm 2^{\circ}$
 X.X = $\pm 1^{\circ}$
 X.XX = $\pm 0.5^{\circ}$
 UNLESS STATED

MATERIAL: SEE NOTES
 FINISH: SEE NOTES
 S/AREA: mm?

TITLE: PITCH 2.5mm HEIGHT 4.2mm
 3-POS POGO PIN CONNECTOR
 DRAWING NUMBER: P20-0345R
 SHT 1 OF 1

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