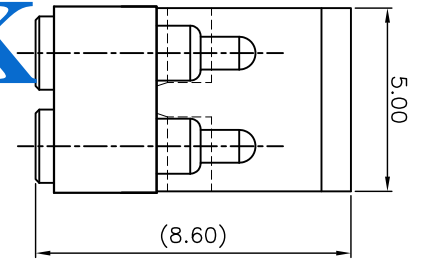
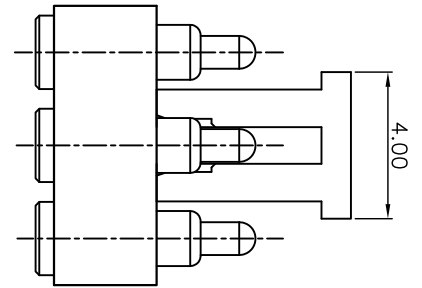


RECOMMEND PCB LAYOUT(TOP VIEW)
Layout Tolerance: ± 0.05mm



6.00±0.15
5.10 Max. Working Height
5.00 Working Height
4.80 Min. Working Height

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- Notes:
- 1 Dimensions shall be interpreted per ASME Y14.5M
 - 2 Mechanical performance(See the table 1)
<2.1>The force is the average of forces obtained when plunger goes downwards and upwards
<2.2>Warning:Working height are not permitted to be less than Min working height
 - 3 Electrical performance
<3.1>Current rating: 3.0A
<3.2>Voltage rating: 36VAC/DC
<3.3>Dynamic Resistance:30mOhm Max (between max and min working height)
<3.4>Insulation Resistance:100MOhm minimum
 - 4 Environmental performance
<4.1>Operating Temperature range:-40°C~+85°C
<4.2>Withstanding High Temperature:260°C/10Sec
 - 5 Environmental protection requirement
<5.1>RoHS compliant
 - 6 Packaging:Carrier tape

Working Height	5.0mm	90±20gf
Durability	10000 Cycles Min.	

Item	Part Name	Q'TY	Material	Finish
5	CAP	1pcs	High temp. Plastic; UL94 V-0 Color Black	-----
4	Body	6pcs	Leaded Brass	Au 0.25um min plated over 1.4um min Ni
3	Plunger	6pcs	Leaded Brass	Au 0.4um min plated over 1.4um min Ni
2	Spring	6pcs	Stainless steel wire	-----
1	Housing	1pcs	High temp. Plastic; UL94 V-0 Color Black	-----

Top-Link Electronics Ltd.
TOLERANCES UNLESS OTHER SPECIFIED
0.0 = ± 0.15
0.00 = ± 0.10
0.000 = ±
Angle: ±1°
SURF. TEXTURE: REMOVE SHARP EDGES R0.05 MAX. DO NOT SCALE PRINT.

Type: Customer drawing Unit: mm
DRW: Neil APRD: Alex
CHK: Henry REL:

top-link

Name: Pogo Pin Connector
Scale: 1:1 Size: A4
Part NO.: 101101062039
Page: 1/1 Rev: XA

Item	Revision record	Date
XA	New Release	2017.05.31

4

3

2

1

A

B

C

D