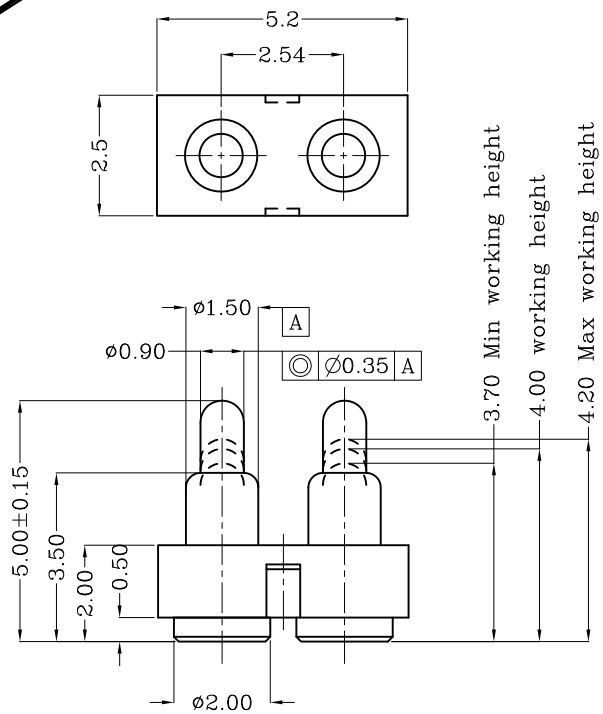
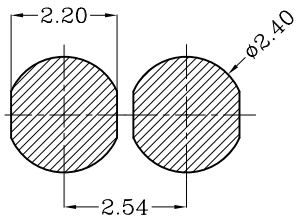
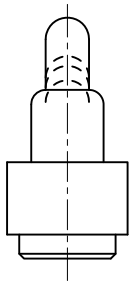
proposal

DWN No.: C-100100





Recommended PCB Layout



Item	Part name	Q'ty/Ea'	Material	Finish
1	HSG	1	High temp.Plastic UL94 V-0 Halogen-free Color Black C2	————
2	Body	2	Leaded Brass	Au plating 0.1um min Ni plating 1.4um min
3	Plunger	2	Leaded Brass	Au plating 0.4um min Ni plating 1.4um min
4	Spring	2	Stainless steel wire	————
5	CAP	1	High temp.Plastic UL94 V-0 Color Black	————

Table 1 Mechanical performance		
working height	4.0mm	80gf Min <2.1>
Durability	10000cycle	

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Notes:

1 Dimensions shall be interpreted per ASME Y14.5M.
尺寸标准遵从ASME Y14.5M.

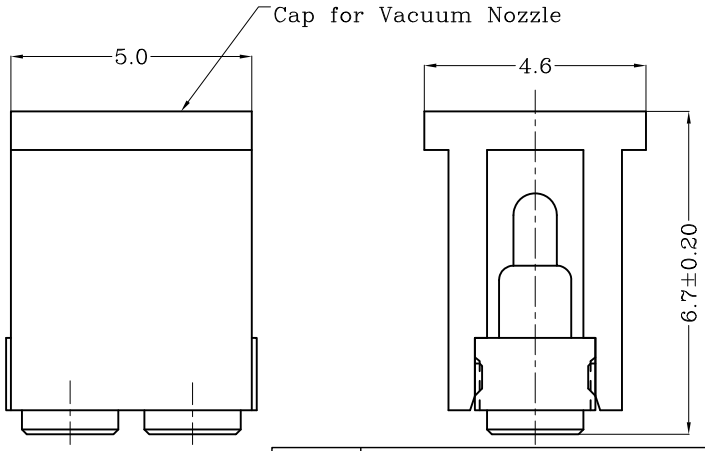
2 Mechanical performance(See the table 1) (机械性能见表1)
<2.1>The force is the average of forces obtained when plunger goes downwards and upwards.
<2.1>弹力大小为产品下压和回弹时的平均值
<2.2>Warning: Working height are not permitted to be less than Min working height.
<2.2>工作高度不得低于标示的最小工作高度

3 Electrical performance (电气性能)
Insulation Resistance: 1,000MOhm minimum(绝缘电阻:1000M欧以上)
Dielectric Withstand Voltage: 500VAC/minute(抗击电压: 500VAC/minute)
Dymamic Resistance: 30mOhm Max.(between max and min working height)
工作范围内的动态电阻:30mOhm 最大
Current rating: 2.5A(额定电流:2.5A)

4 Packaging specification conforms to EIA 481
包装规范符合EIA 481

5 Working temperature (工作环境)
Withstanding Higt Temperature: 270℃(耐温: 270℃)
Operational Temperature: -40℃~+85℃(工作温度: -40℃~+85℃)

6 RoHS compliant.(产品符合RoHS标准)



Rev.	Revision record.	Date.
C2	Change to halogen-free ML.	2014/06/19
C1	update	2014/01/06
C	update remark	2007/10/23

DIST ---

DIST ---

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TOLERANCES UNLESS OTHER SPECIFIED
0. = ± -
0.0 = ± 0.15
0.00 = ± 0.10
0.000= ± -
Angle: ±1°
SURF TEXTURE: REMOVE BURRS.
BREAK SHARP EDGES R0.05 MAX.DO NOT SCALE PRINT.

Type: Customer drawing	Unit: mm		Weight
DWN: Qin Zuozhong	APVD:	top-Link Electronics	Top-Link Electronics Ltd.
CHK:	REL:		
Name: Pogo pin connector			
Scale: 1:1	Size: A4	DWG No.: C-100100	Page: 1/1	Rev.: C2

100100-2

PART NUMBER

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