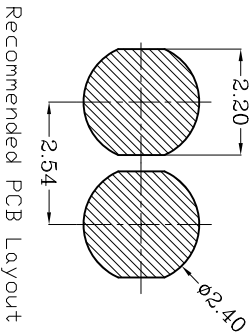
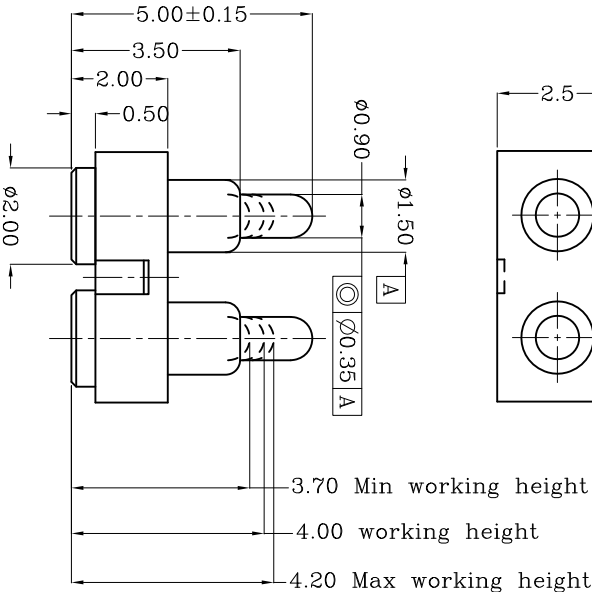
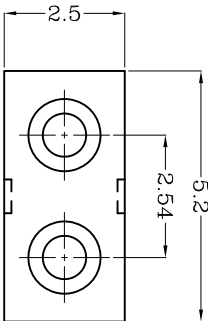




DWN No.:
C-100100

proposal



Recommended PCB Layout

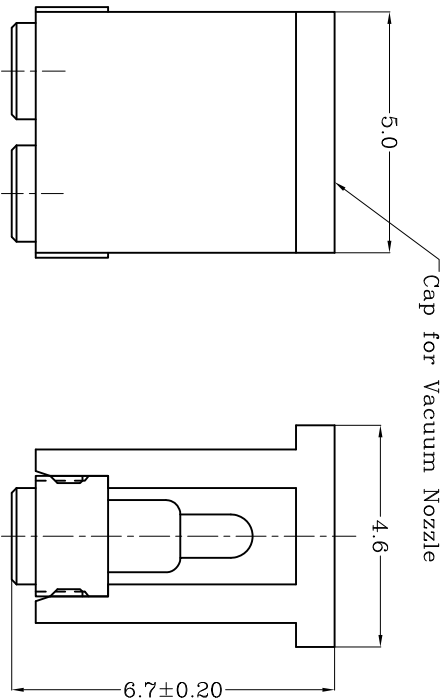
Item	Part name	Q'ty/Ed	Material	Finish
1	HSG	1	High temp: Plastic UL94 V-0 Halogen-free Color Black	_____
2	Body	2	Leaded Brass	Au plating 0.1um min Ni plating 1.4um min
3	Plunger	2	Leaded Brass	Au plating 0.4um min Ni plating 1.4um min
4	Spring	2	Stainless steel wire	_____
5	CAP	1	High temp: Plastic 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 (抗电压:500VAC/minute)
Dynamic 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)



Top-Link Electronics Ltd. TOLERANCES UNLESS OTHER SPECIFIED 0.0 = ±0.15 0.00 = ±0.10 0.000 = ±0.05 Angle: ±1° SURF. TEXTURE: REMOVE SHARP EDGES R0.05 MAX. DO NOT SCALE PRINT.	Type	Unit	Weight		
	Customer drawing	mm			
	DWN:	APVD:	Topo-Link Electronics Top-Link Electronics Ltd.		
	Qin Zuozhong				
	CHK:	REL:			
	Name		Pogo pin connector		
	Scale	Size	DWG No.	Page	Rev.
	1:1	A4	C-100100	1/1	C2

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A

B

C

D