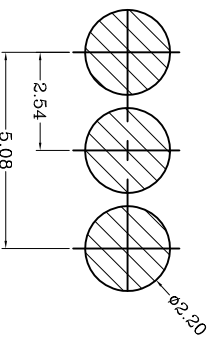
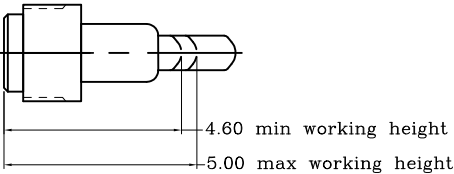
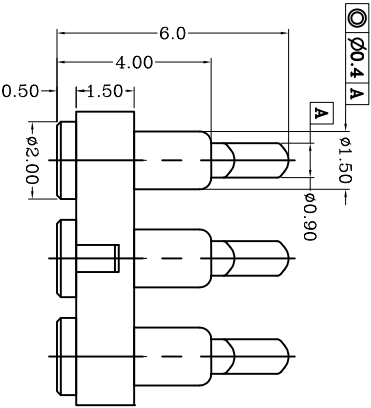
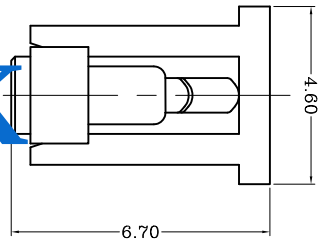
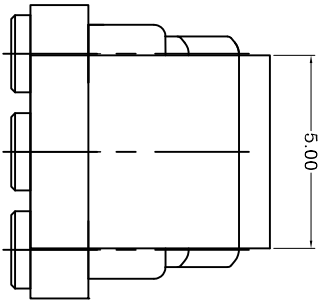
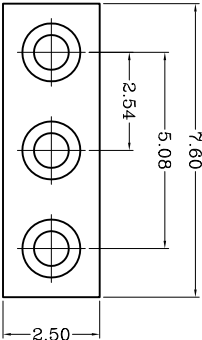




DWN No.:
C-1001101

Proposal



TOP-LINK

Item	Part name	Q'ty/Ed	Material	Finish
1	HSG	1	胶芯PA46	—
2	Body	3	C3604(黄铜C3604)	Au plating 0.1um min Ni plating 1.4um min
3	Plunger	3	C3604(黄铜C3604)	Au plating 0.4um min Ni plating 1.4um min
4	Spring	3	SUS304(不锈钢SUS304)	—
5	CAP	1	胶芯PA46	—

Table 1 Mechanical performance		
max working height (最大工作高度)	5.00mm	80gf min<2.1>
min working height (最小工作高度)	4.60mm	180gf max<2.1>
Durability(寿命)	10000cycle(10000次)	

Notes:

- 1 Dimensions shall be interpreted per ASME Y14.5M.
尺寸标准遵照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:1000欧以上)
Dielectric Withstand Voltage: 500VAC/minute(耐压电压: 500VAC/minute)
Dynamic Resistance: 30mOhm Max.(between max and min working height)
工作范围内的动态电阻:最大30mOhm
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.		Type	Unit	Weight	PART NUMBER
TOLERANCES UNLESS OTHER SPECIFIED		Customer drawing	mm		
0.0 = ±0.15		DWN:	APVD:		
0.00 = ±0.10		CHK:	REL:		
0.000 = ±0.001		Angle: ±1°			
SURF. TEXTURE:		Name	Pogo pin connector		
REMOVE BURRS.		Scale	Size	DWG No.	Page
BREAK SHARP EDGES		1:1	A4	C-1001101	1/1
R0.05 MAX(DD NOT SCALE PRINT.					Rev. 2

Recommended PCB Layout

DIST

2	change cap(更换盖子)	2014/01/15
1	NEW	2013/12/25
Rev.	Revision record.	Date.