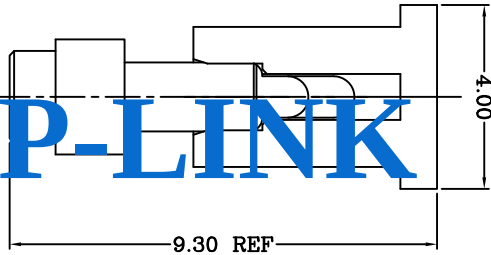
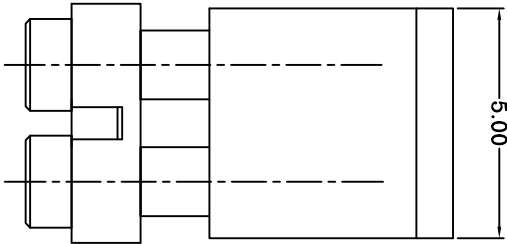
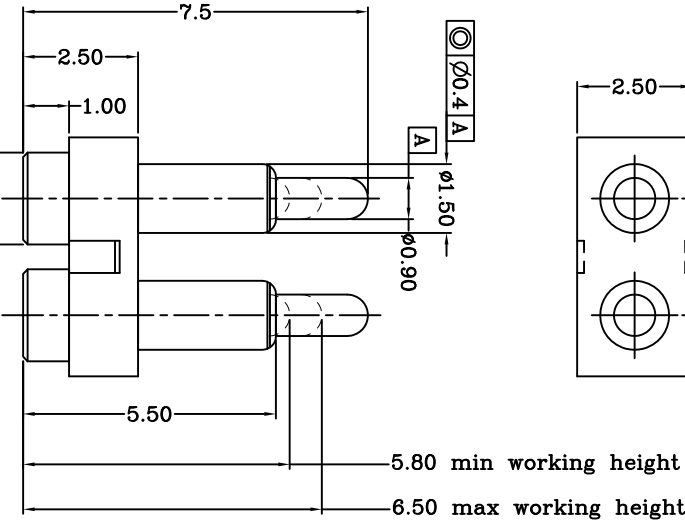
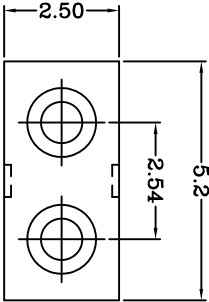


DWN No.:
C-100590

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)	6.50mm	80gf min<2.1>
min working height (最小工作高度)	5.80mm	180gf max<2.1>
Durability(寿命) 10000cycle(10000次)		

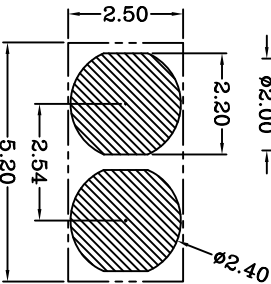
Notes:

- Dimensions shall be interpreted per ASME Y14.5M.
尺寸标准遵照ASME Y14.5M.
- 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
- 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)
工作高度范围内的动态电阻: 最大30mOhm
Current rating: 2.5A(额定电流: 2.5A)
- Packaging specification conforms to EIA 481
包装规范符合EIA 481
- Working temperature (工作环境)
Withstanding Higt Temperature: 270℃(耐温: 270℃)
Operational Temperature: -40℃~+85℃(工作温度: -40℃~+85℃)
- RoHS compliant.(产品符合RoHS标准)

Top-Link Electronics Ltd.		Type	Unit	Weight			
TOLERANCES UNLESS OTHER SPECIFIED		Customer drawing	mm				
DWN:	Gui zhiqiu	APVD:	Top-Link Electronics Top-Link Electronics Ltd.				
CHK:		REL:					
Name							
Pogo pin connector							
Scale	Size	DWG No.				Page	Rev.
1:1	A4	C-100590				1/1	1
Angle: ±1°							
SURF. TEXTURE: REMOVE BURRS. BREAK SHARP EDGES R0.05 MAX. DO NOT SCALE PRINT.							

DIST

Recommended PCB Layout



1	NEW	2013/12/25
Rev.	Revision record.	Date.