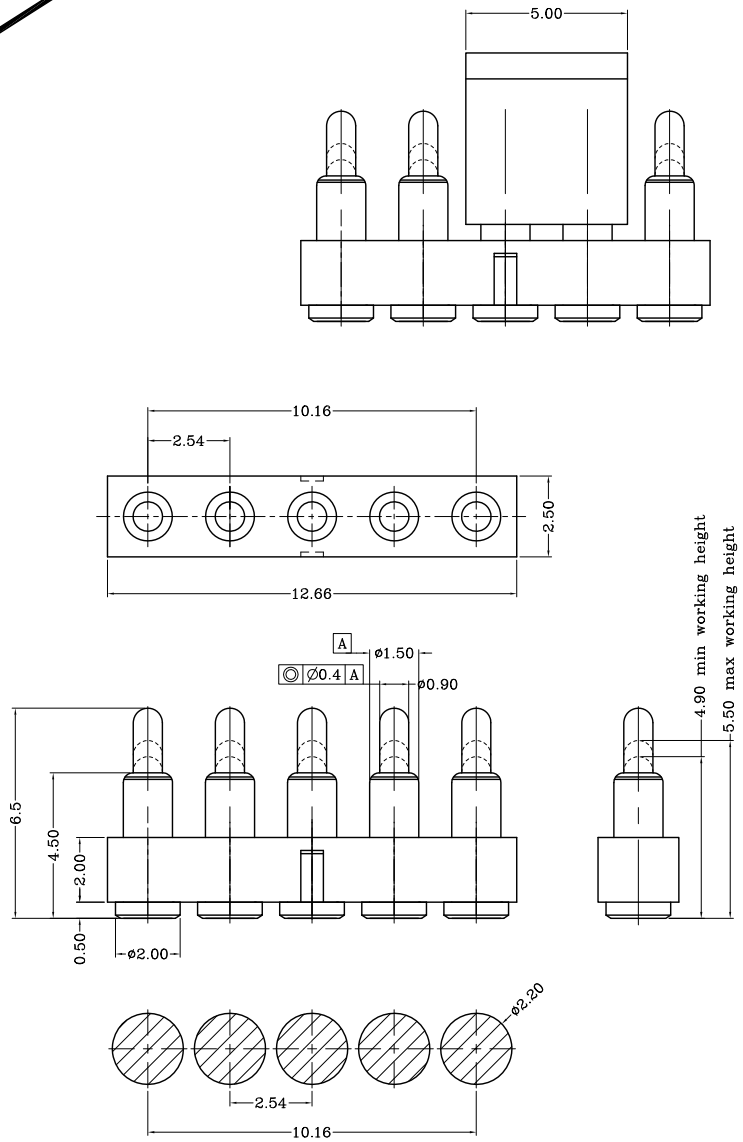
proposal

DWN No.: C-1001099



Recommended PCB Layout

Item	Part name	Q'ty/Ea'	Material	Finish
1	HSG	1	High temp.Plastic UL94 V-0 Halogen-free Color Black ②	————
2	Body	5	C3604(黄铜C3604)	Au plating 0.1um min Ni plating 1.4um min
3	Plunger	5	C3604(黄铜C3604)	Au plating 0.4um min Ni plating 1.4um min
4	Spring	5	SUS304(不锈钢SUS304)	————
5	CAP	1	胶芯PA46	————

Table 1 Mechanical performance		
Max.working height (最大工作高度)	5.50mm	80gf min<2.1>
Min.working height (最小工作高度)	4.90mm	180gf max<2.1>
Durability(寿命)	10000cycle(10000次)	

TOP-LINK

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)
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)

1001099-5
PART NUMBER

Rev.	Revision record.	Date.
2	Change to Halogen-free ML.	2014/06/19
1	NEW	2013/12/25

DIST ---
DIST ---

Top-Link Electronics Ltd.

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: Gui zhiguo	APVD:	top-Link Electronics	Top-Link Electronics Ltd.	
CHK:	REL:			
Name: Pogo pin connector				
Scale: 1:1	Size: A4	DWG No.: C-1001099	Page: 1/1	Rev.: 2

THIS INFORMATION IS CONFIDENTIAL AND IS DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE BY YOU TO OTHER THAN TOP-LINK PERSONNEL WITHOUT WRITTEN AUTHORIZATION FROM TOP-LINK LTD.