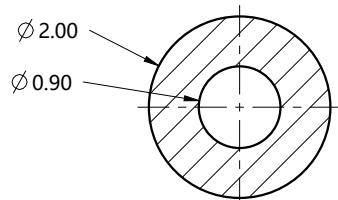
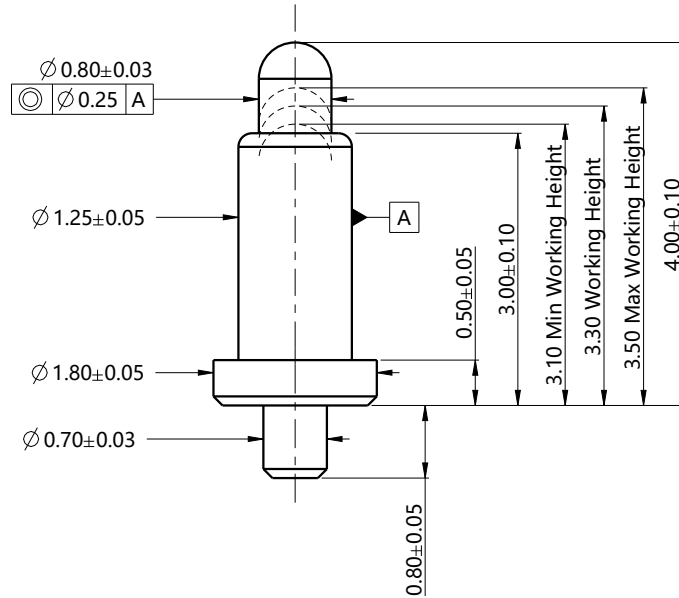
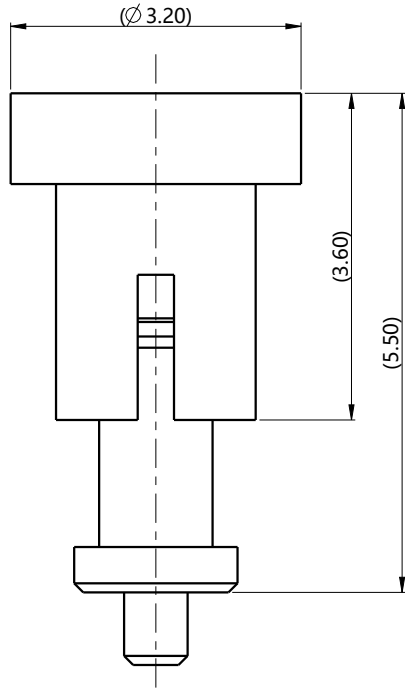


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RECOMMEND PCB LAYOUT(TOP VIEW)
Layout Tolerance: $\pm 0.05\text{mm}$

XB	Update	2020.06.22
XA	New release	2020.06.01
Item	Revision record	Date

Top-Link
Electronics LTD.
TOLERANCES UNLESS
OTHER SPECIFIED
0. = ± 0.25
0.0 = ± 0.15
0.00 = ± 0.10
0.000 = ± 0.005
Angle: $\pm 1^\circ$
SURF TEXTURE: Ra1.6
REMOVE BURRS.
BREAK SHARP
EDGES R0.05 MAX.

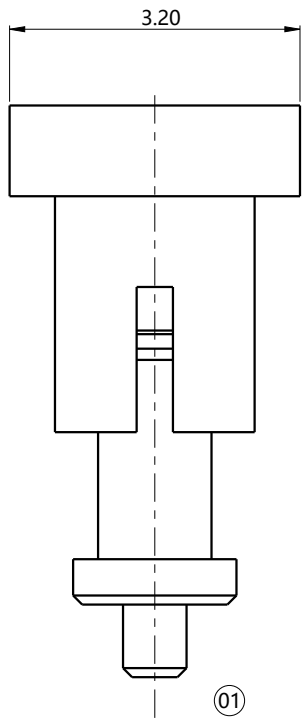
4	Cap	1pcs	High temp.Plastic; UL94 V-0 Color Black	-----
3	Spring	1pcs	Stainless steel wire	-----
2	Barrel	1pcs	Lead-Free Brass	Au 0.1um min plated over 1.4um min Ni
1	Plunger	1pcs	Lead-Free Brass	Au 0.25um min plated over 1.4um min Ni
Item	Part Name	Q'TY	Material	Finish
Type: Customer Drawing		Unit mm		<i>top-link</i>
DRW: Yang.cb		APRD:		
CHK:		REL:		
Name: Pogo pin connector				
Scale: 1:1	Size A4		Part NO. 10101013367	Page: 1/1
				Rev: XB

Notes:

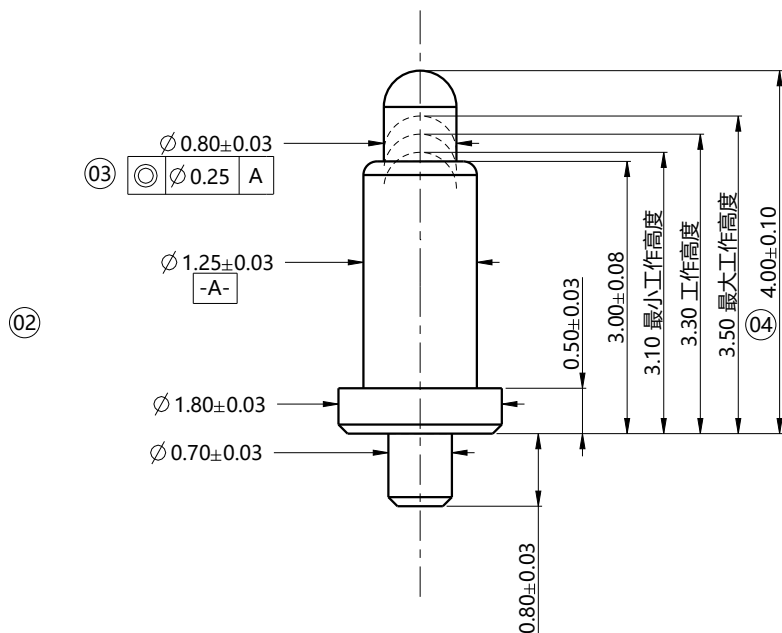
- 1 Dimensions shall be interpreted per ASME Y14.5M
- 2 Mechanical performance(See the table 1)
 - <2.1>The force is the average of forces obtained when plunger goes downwards and upwards
 - <2.2>Warning:Working height are not permitted to be less than Min working height
- 3 Electrical performance
 - <3.1>Current rating: 1.0A
 - <3.2>Voltage rating: 12VAC/DC
 - <3.3>Contact Resistance:50mOhm Max
At working Height for 3.30mm
- 4 Environmental performance
 - <4.1> RoHS/Reach/CP65 compliant
 - <4.2> Salt Spray: 96H Min
 - <4.3> Artificial Sweat: 96H Min
 - <4.4>Operating Temperature range:-40°C~+85°C
 - <4.5>Withstanding High Temperature:260°C/10Sec
- 5 Packaging:Carrier tape

Working Height	3.30mm	50±15 g
Durability	10000 Cycles Min.	

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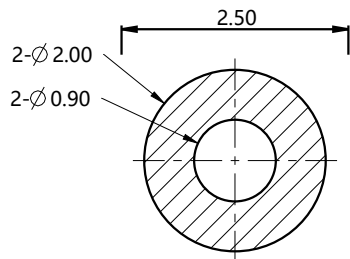
无铅



备注:

1. 尺寸标注遵从ASME Y14.5M;
2. 标有⊗为重要尺寸, ⊕为需进行SPC管控尺寸;
3. "★"表示安全相关特殊特性, "☆"表示安全无关特殊特性。
4. 机械性能要求:
见弹力;
寿命: 10000 Cycles Min;
5. 电气性能要求:
耐电流: 1.0 A Max;
额定电压: 12V AC/DC;
接触阻抗: 50mOhm Max (在3.30mm工作高度时)
6. 环境性能要求:
有害物质遵从 'RoHS'/'Reach'/'HF'要求;
盐雾测试: 48H Min;
使用温度: -40°C~+85°C;
耐高温: 260°C/10Sec;
7. 包装方式: 卷装

弹力		
工作高度	3.30 mm	70±30 g



RECOMMEND PCB LAYOUT(TOP VIEW)
Layout Tolerance: ± 0.05mm

3	编带	30108020594	1/1200 卷	PS透明; 10.2M/卷
2	帽盖	30105020847	1pcs	HPPA TH830 BLACK (UL94-V0)
1	单Pin	20101012998	2pcs	详见单针图面
序号	零件名称	料号	用量	规格描述
类别: 组装图			单位: mm	top-link
制图:	杨晨冰	核准:		
审阅:	发行:			
名称: Pogo pin连接器 (PGC-1.5-5.1-R-2P-2.50PH)				
比例: 1:1	图幅: A4	料号: 10101023106	页次: 1/1	版本: XA

未标注尺寸公差:

- 0. = ± 0.20
- 0.0 = ± 0.15
- 0.00 = ± 0.10
- 0.000 = ± 0.005

未标注角度公差: ±1°

未标注粗糙度: Ra1.6

XB		Update	2
XA	-----	初始发行	2019.11.11
版次	ECN No.	修订履历	日期