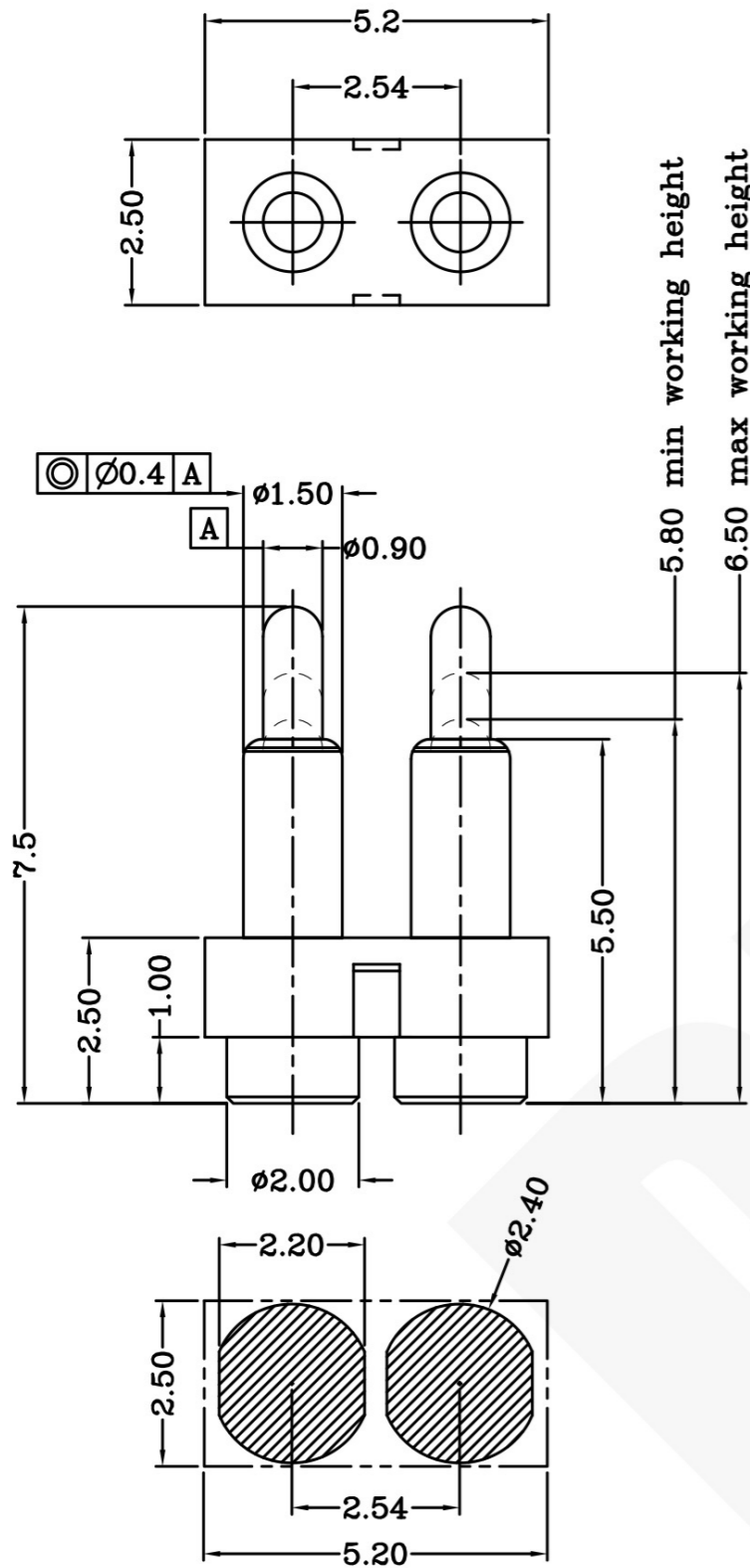
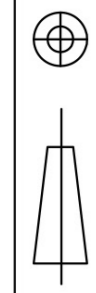


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DWN No.: C-100590



Recommended PCB Layout

Item	Part name	Q'ty/Ea'	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.
尺寸标准遵从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(抗击电压: 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°C(耐温: 270°C)
Operational Temperature: -40°C~+85°C工作温度: -40°C~+85°C)
- RoHS compliant.(产品符合RoHS标准)

DIST

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

Top-Link Electronics Ltd.		Type	Customer drawing	Unit	mm	Weight
TOLERANCES UNLESS OTHER SPECIFIED		DWN:	Gui zhiguo	APVD:		Pexon
0. = ± -		CHK:		REL:		
0.0 = ± 0.15		Name				Pogo pin connector
0.00 = ± 0.10		Scale	1:1	Size	A4	
0.000 = ± -		DWG No.	C-100590	Page	1/1	Rev.
Angle: ±1°						1
SURF TEXTURE: REMOVE BURRS.						
BREAK SHARP EDGES R0.05 MAX.DO NOT SCALE PRINT.						

100590-2

PART NUMBER



PEXON

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