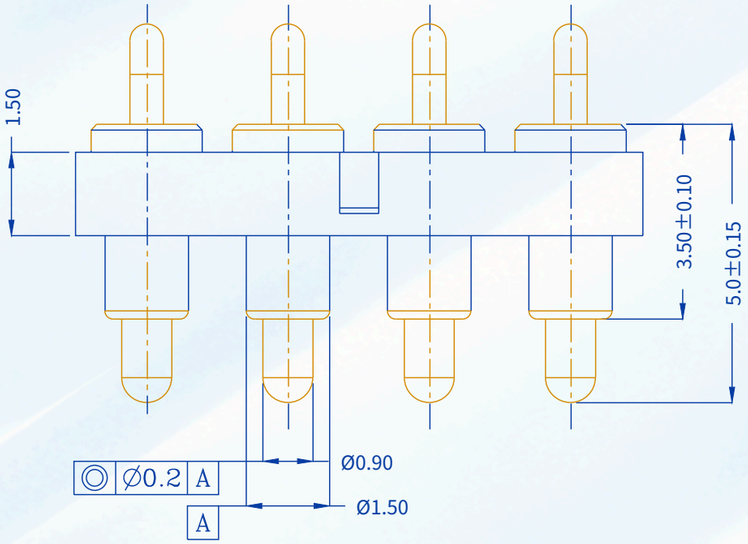
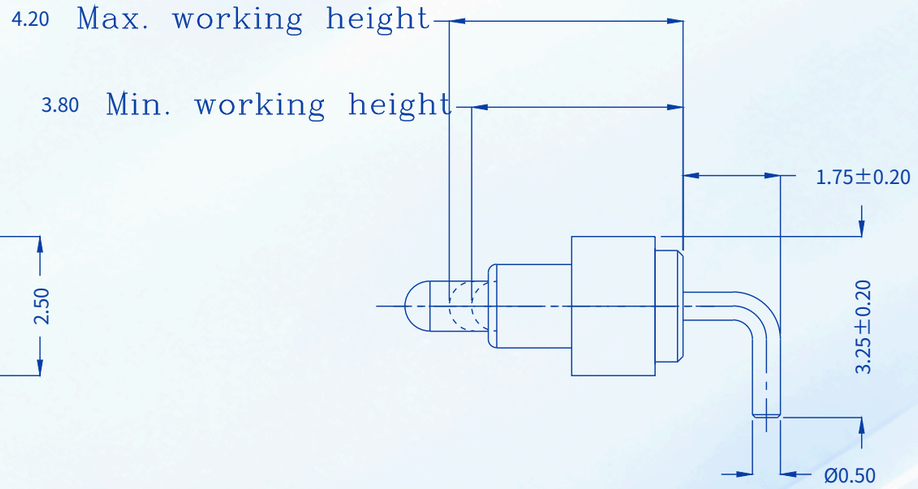
RoHS Compliant





Recommended PCB Layout

REVISION HISTORY

REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
A0	INITIAL RELEASE	KANGSHENG		

Mechanical Performance		
Item	Height	Force
Max. Working Height	4.20 mm	60 gf min.
Min. Working Height	3.80 mm	150 gf max.

MATERIAL / SPECIFICATION	
Operating Voltage	12V
Operating Current	2A
Contact Resistance	30 mΩ max at working height (quiescence)
Total Stroke	1.4 mm
Normal Working Position	3.8~4.2 mm
Mechanical Life	10,000 cycles min
Compression Limit	Do not exceed the max. allowed compression
Plunger Material	Brass, plating min 0.4 µm Au over min 1.4 µm Ni
Barrel Material	Brass, plating min 0.1 µm Au over min 1.4 µm Ni
Spring Material	Stainless steel wire
Housing Material	High-temp. plastic, UL94 V-0, black
Storage and Operating Temperature	−40°C ~ +85°C
Humidity Range	10% RH to 90% RH
Salt Spray	48 h
General Notes	Remove burrs. Break sharp edges R0.05 max. Do not scale print.

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
0.	–
0.0	±0.15
0.00	±0.10
0.000	–
Angle	±1°

PROJECTION

THIRD ANGLE PROJECTION

DRAWN BY	KANGSHENG
CHECKED BY	
APPROVED BY	

深圳市康生电子科技有限公司
Shenzhen Kangsheng Electronic Technology Co., Ltd.

PRODUCT NAME	2.54 mm Pitch 5 mm Height Right-Angle Through-Hole Pogo Pin Connector (4 Pin)						
PART NO.	KS-PG254-04P-RD					REV.	A0
SCALE	NTS	UNIT	mm	SIZE	A3	SHEET	1/1