

# Spring-loaded test probe

## GKS-003 302 100 A 3000

Item GKS-003-0047



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Partner for Future Technology

- Robust, compact design for harsh ICT/FCT applications with limited space
- For optimum contact at the test points (e.g. pads, vias, and pins), various tip styles in different diameters and finishes, as well as various spring forces are available. spring forces.

### General data

Product group	ICT / FCT (in-circuit test and function test)
Sub-product group	Short/robust GKS
Series	GKS-003
Grid	3.18 mm [125 mil]
Contacting from	Pin, post, bead probe, flat contact
Magnetic	Yes
Installation type	Plug-in
Quick-exchange system	Yes
Adjustable installation height	No
Non-rotating	No
Compatible receptacle(s)	KS-003
Min. temperature	- 40 °C [- 104 °F]
Max. temperature	+ 80 °C [+ 176 °F]
RoHS-compliant	RoHS-3;6c

### Electrical data

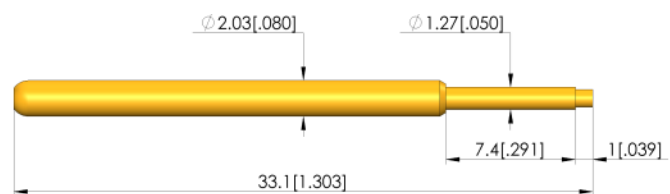
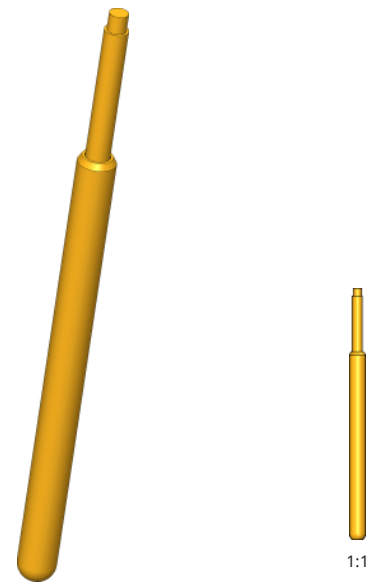
Current load capacity / rated current	8 A
Typical resistance (Ri)	<20 mOhm

### Mechanical data

Total length	33.1 mm [1.30 in]
Barrel diameter	2.03 mm [.079 in]
Maximum stroke	6.35 mm [.25 in]
Spring pre-load	1 N [3.59 ozf]
Collar height	.00
Spring force at working stroke	3 N [10.7 ozf]
Recommended working stroke	4.4 mm [.173 in]

### Tip style data

Tip style	02 flat
Tip diameter	1.27 mm [.05 in]
Tip style surface	A gold
Tip style material	3 CuBe



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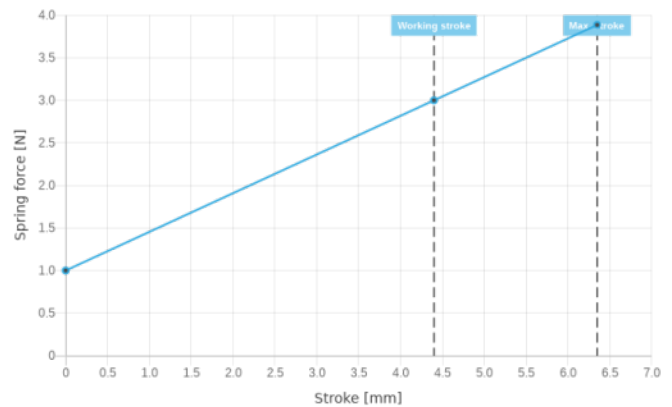
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