Spring-loaded test probe

GKS-050 231 050 A 1500

Item GKS-050-0023

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Partner for Future Technology

- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles



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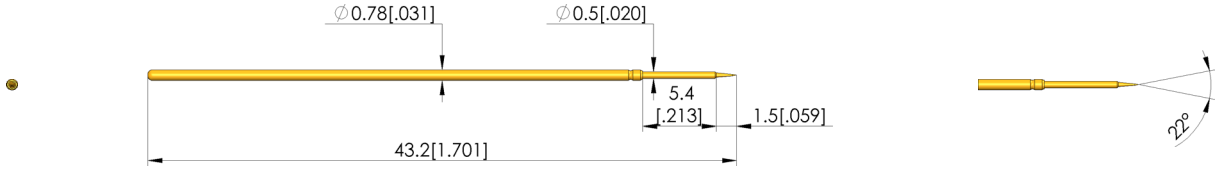

General data

Product group:	ICT / FCT (in-circuit test and function test
Sub-product group:	Standard stroke test probe
Series:	GKS-050
Grid:	1.27 mm [50 mil]
Contacting from:	Pad
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-050
Min. temperature:	- 40 °C [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6a

Electrical data

Current load capacity / rated current:	2 A
Typical resistance (Ri):	<20 mOhm

Mechanical data

Total length:	43.2 mm [1.70 in]
Barrel diameter:	0.78 mm [.030 in]
Maximum stroke:	6.35 mm [.25 in]
Spring pre-load:	0.58 N [2.08 ozf]
Collar height:	00
Spring force at working stroke:	1.5 N [5.39 ozf]
Recommended working stroke:	4.3 mm [.169 in]

Tip style data

Tip style:	31 25° needle point, self-cleaning
Tip diameter:	0.5 mm [.019 in]
Tip style surface:	A gold
Tip style material:	2 steel

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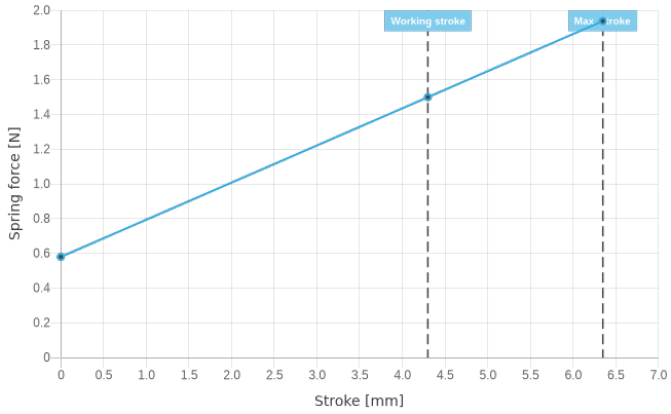

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