Spring-loaded test probe

GKS-135 305 064 A 1000 Q2

Item GKS-135-0274

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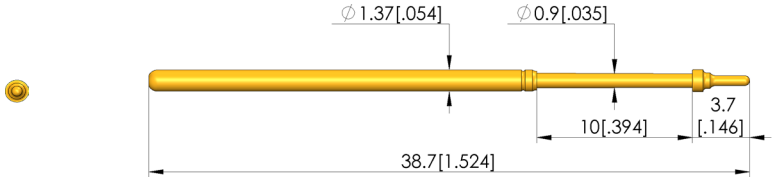
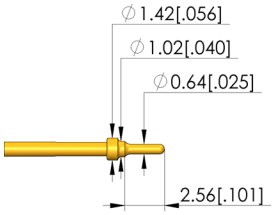
- Long-stroke test probe for implementing combined ICT and FCT in a dual-stage fixture
- For optimum contact at the test points (e.g. pads, vias, and pins), various tip styles in different diameters and finishes, as well as various spring forces are available. spring forces.
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles







General data

Product group:	ICT / FCT (in-circuit test and function test
Sub-product group:	Long stroke GKS
Series:	GKS-135
Grid:	2.54 mm [100 mil]
Contacting from:	Pad, Female connector
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-100
Min. temperature:	- 40 °C [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6c

Electrical data

Current load capacity / rated current:	5 A
Typical resistance (Ri):	<30 mOhm

Mechanical data

Total length:	38.7 mm [1.52 in]
Barrel diameter:	1.37 mm [.053 in]
Maximum stroke:	9.8 mm [.385 in]
Spring pre-load:	0.17 N [.611 ozf]
Collar height:	00
Spring force at working stroke:	1 N [3.59 ozf]
Recommended working stroke:	9.3 mm [.366 in]

Tip style data

Tip style:	05 bullet-nosed (full radius)
Tip diameter:	0.64 mm [.025 in]
Tip style surface:	A gold
Tip style material:	3 CuBe
Step probe tip height:	2.54 mm [.1 in]
Disk diameter:	1.42 mm [.055 in]

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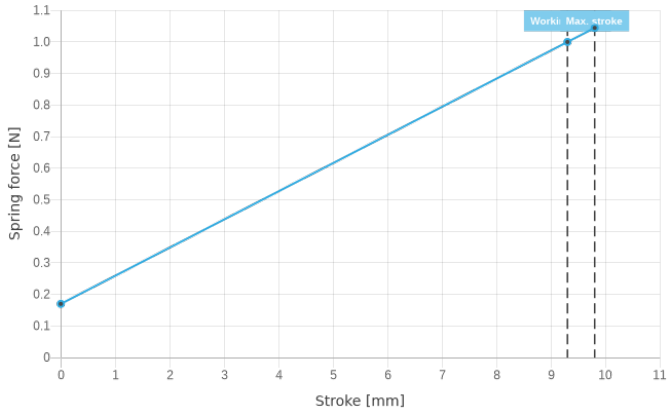

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