Spring-loaded test probe

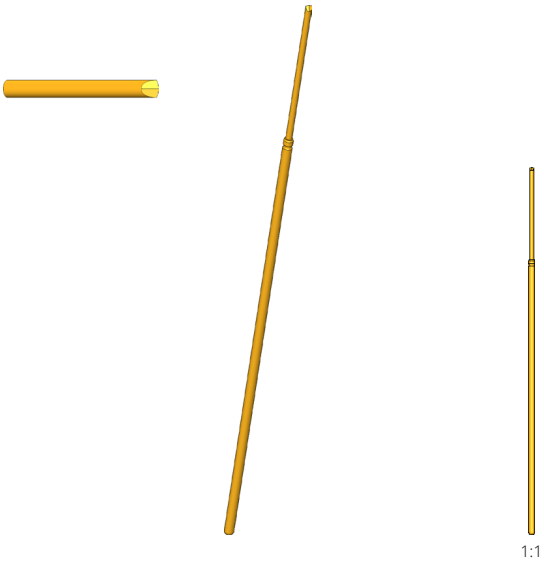
GKS-015 238 050 A 1500

Item GKS-015-0017

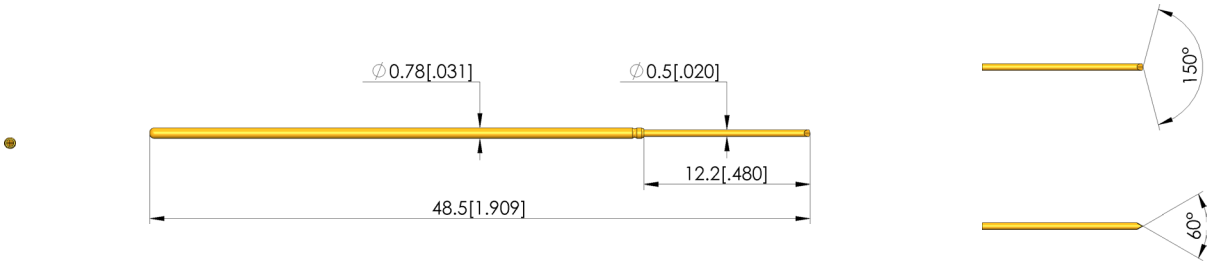
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- Long-stroke test probe for implementing combined ICT and FCT in a dual-stage fixture
- For optimum contact at the test points (e.g. pads, vias, and pins), various tip styles in different diameters and finishes, as well as various spring forces are 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



1:1



General data

Product group:	ICT / FCT (in-circuit test and function test
Sub-product group:	Long stroke GKS
Series:	GKS-015
Grid:	1.27 mm [50 mil]
Contacting from:	Pad, via
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:	48.5 mm [1.90 in]
Barrel diameter:	0.78 mm [.030 in]
Maximum stroke:	10 mm [.393 in]
Spring pre-load:	0.43 N [1.54 ozf]
Collar height:	00
Spring force at working stroke:	1.5 N [5.39 ozf]
Recommended working stroke:	8 mm [.314 in]

Tip style data

Tip style:	38 150° passive dagger, self-cleaning
Tip diameter:	0.5 mm [.019 in]
Tip style surface:	A gold
Tip style material:	2 steel

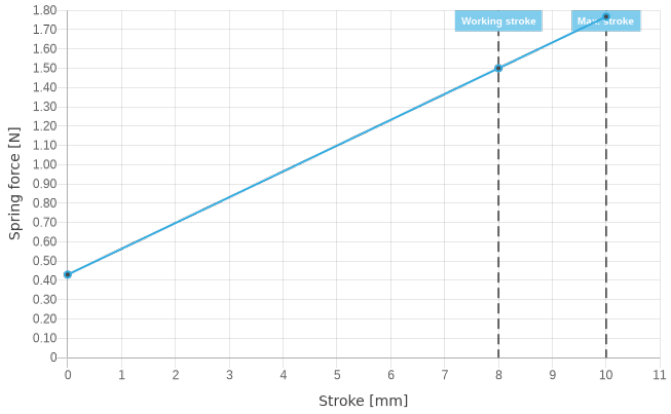
Spring-loaded test probe

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Item GKS-015-0017

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