Spring-loaded test probe

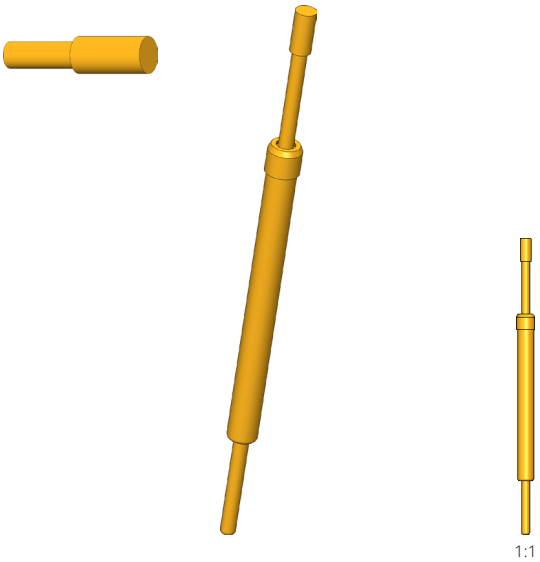
GKS-502 302 140 A 0802

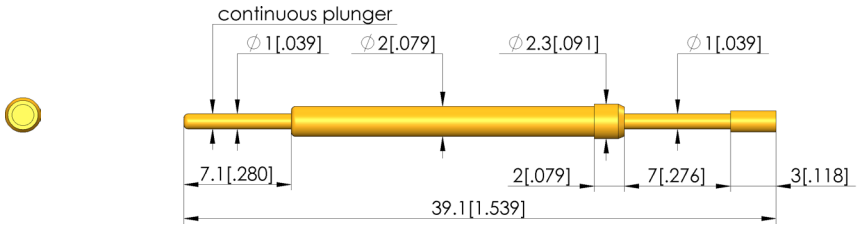
Item GKS-502-0009

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ingun®
Partner for Future Technology

- Robust test probes with distinctive collar (stop) on the barrel
- Version with continuous plunger





General data

Product group:	ICT / FCT (in-circuit test and function test
Sub-product group:	Metric standard
Series:	GKS-502
Grid:	2.54 mm [100 mil]
Contacting from:	Pin, posts, bead, flat contact
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	No
Type of test probe connection:	Plug
Adjustable installation height:	No
Non-rotating:	No
Continuous plunger:	ø1,0 x 7,0
Compatible connector(s):	SE-502
Compatible receptacle(s):	KS-502 23
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
Current rating, connection on plunger:	12 A
Typical resistance (Ri):	<30 mOhm
Typical resistance (Ri), connection on plunger:	<10 mOhm

Mechanical data

Total length:	39.1 mm [1.53 in]
Barrel diameter:	2 mm [.078 in]
Maximum stroke:	7 mm [.275 in]
Spring pre-load:	0.17 N [.611 ozf]
Collar height:	02
Spring force at working stroke:	0.8 N [2.87 ozf]
Recommended working stroke:	5.6 mm [.220 in]

Tip style data

Tip style:	02 flat
Tip diameter:	1.4 mm [.055 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

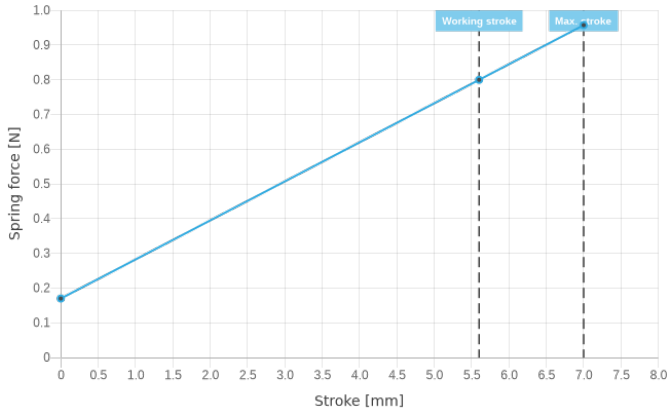
Spring-loaded test probe

GKS-502 302 140 A 0802

Item GKS-502-0009

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