Spring-loaded test probe

GKS-502 304 140 A 5002

Item GKS-502-0029

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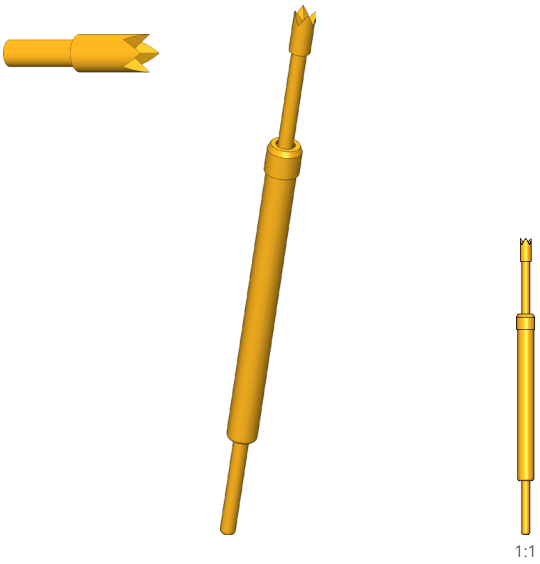
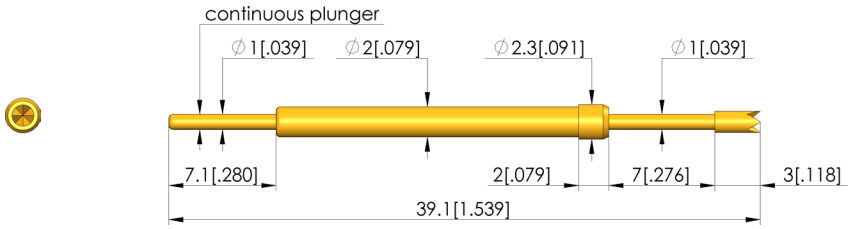
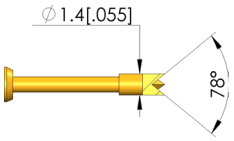
- Robust test probes with distinctive collar (stop) on the barrel
- Version with continuous plunger







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:	Pad, pin, posts
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:	- 100 °C [- 212 °F]
Max. temperature:	+ 200 °C [+ 392 °F]
RoHS-compliant:	RoHS-3;6c

Electrical data

Current load capacity / rated current:	8 A
Current rating, connection on plunger:	15 A
Typical resistance (Ri):	<100 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:	1.06 N [3.81 ozf]
Collar height:	02
Spring force at working stroke:	5 N [17.9 ozf]
Recommended working stroke:	5.6 mm [.220 in]

Tip style data

Tip style:	04 4-point crown
Tip diameter:	1.4 mm [.055 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

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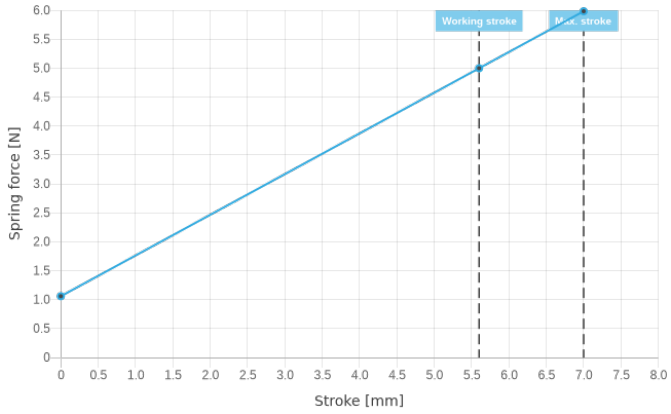

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