

# Spring-loaded test probe

## GKS-503 201 180 R 1502 M

Item GKS-503-0057



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### General data

Product group	Screw-in test probe
Sub-product group	Screw-in test probe
Series	GKS-503 M screw-in
Grid	4 mm [157 mil]
Contacting from	Pad
Magnetic	Yes
Installation type	Screw-in
Quick-exchange system	No
Type of test probe connection	Plug
Adjustable installation height	No
Non-rotating	No
Continuous plunger	ø1,4 x 5,0
Screw-in torque	10 - 20 cNm [.885 - 1.77 lbf·in]
Compatible connector(s)	SE-503
Compatible receptacle(s)	KS-500 M
Min. temperature	- 40 °C [- 104 °F]
Max. temperature	+ 80 °C [+ 176 °F]
RoHS-compliant	RoHS-3;6a;6c

### Electrical data

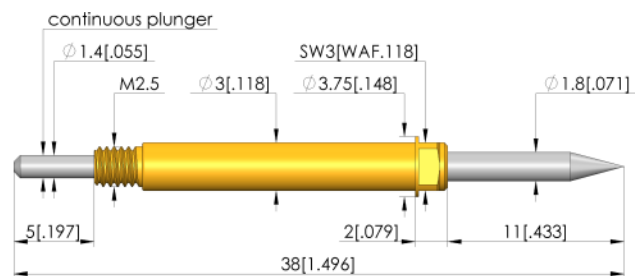
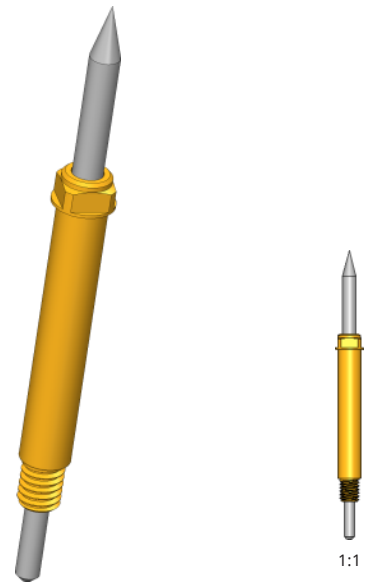
Current load capacity / rated current	5 A
Current rating, connection on plunger	12 A
Typical resistance (Ri)	<30 mOhm
Typical resistance (Ri), connection on plunger	<10 mOhm

### Mechanical data

Total length	38 mm [1.49 in]
Barrel diameter	3 mm [.118 in]
Maximum stroke	7 mm [.275 in]
Spring pre-load	0.45 N [1.61 ozf]
Collar height	02
Spring force at working stroke	1.5 N [5.39 ozf]
Recommended working stroke	5.6 mm [.220 in]

### Tip style data

Tip style	01 30° needle tip, self-cleaning
Tip diameter	1.8 mm [.070 in]
Tip style surface	R rhodium
Tip style material	2 steel



SCREW-IN TEST PROBE

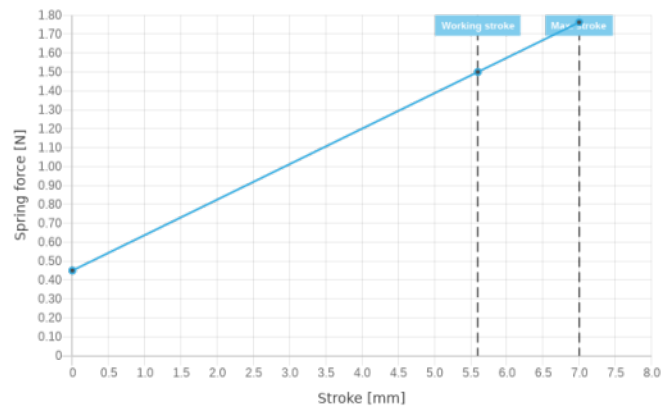
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SCREW-IN TEST PROBE

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