

Spring-loaded test probe

GKS-503 201 180 R 1502

Item GKS-503-0001



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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-503
Grid	4 mm [157 mil]
Contacting from	Pad
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	ø1,4 x 8,0
Compatible connector(s)	SE-503
Compatible receptacle(s)	KS-103 23
Min. temperature	- 40 °C [- 104 °F]
Max. temperature	+ 80 °C [+ 176 °F]
RoHS-compliant	RoHS-3;6a;6c

Electrical data

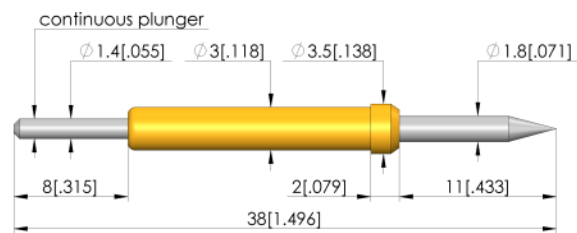
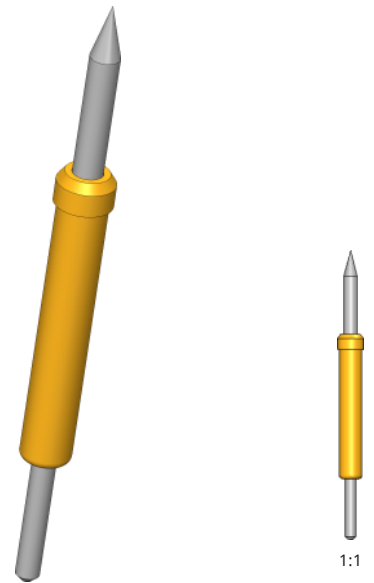
Current load capacity / rated current	5 A
Current rating, connection on plunger	12 A
Typical resistance (Ri)	<30 mOhm
Typical resistance (Ri), connection on plunger	<10 mOhm

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



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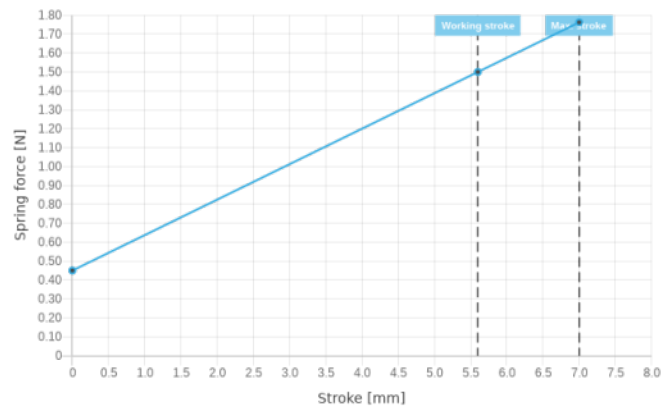
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INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com



Prices and delivery times on request.
Technical changes reserved. 11/23 EN

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