Spring-loaded test probe

GKS-113 217 230 R 1002 M

Item GKS-113-0523

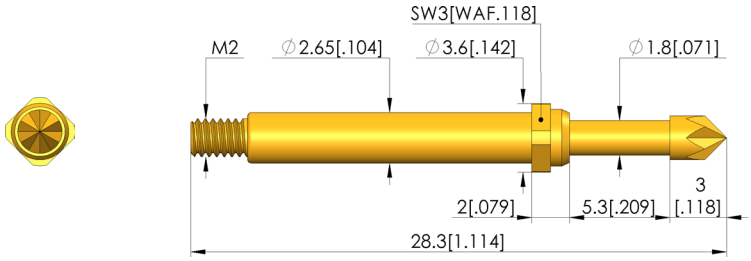
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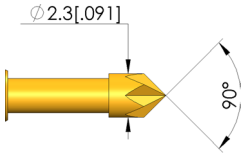
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- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver and bit tool. The required screw-in torque is applied via a square post on the receptacle.
- Stainless steel versions for temperatures from -100 °C up to +200 °C available



1:1





General data

Product group:	Screw-in test probe
Sub-product group:	Screw-in test probe
Series:	GKS-113 M screw-in
Grid:	4 mm [157 mil]
Contacting from:	Pad, Via, Female connector
Magnetic:	Yes
Installation type:	Screw-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Screw-in torque:	10 - 20 cNm [.885 - 1.77 lbf·in]
Compatible receptacle(s):	KS-113 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
Typical resistance (Ri):	<30 mOhm

Mechanical data

Total length:	28.3 mm [1.11 in]
Barrel diameter:	2.65 mm [.104 in]
Maximum stroke:	5.3 mm [.208 in]
Spring pre-load:	0.33 N [1.18 ozf]
Collar height:	02
Spring force at working stroke:	1 N [3.59 ozf]
Recommended working stroke:	4 mm [.157 in]

Tip style data

Tip style:	17 hexagonal pyramid with cutting edges, self-cleaning
Tip diameter:	2.3 mm [.090 in]
Tip style surface:	R rhodium
Tip style material:	2 steel

SCREW-IN TEST PROBE

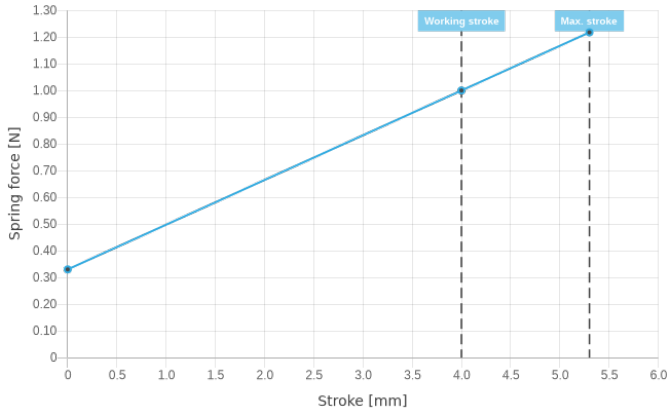
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Screw-in test probe

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