

Spring-loaded test probe

GKS-427 303 200 A 0802 M

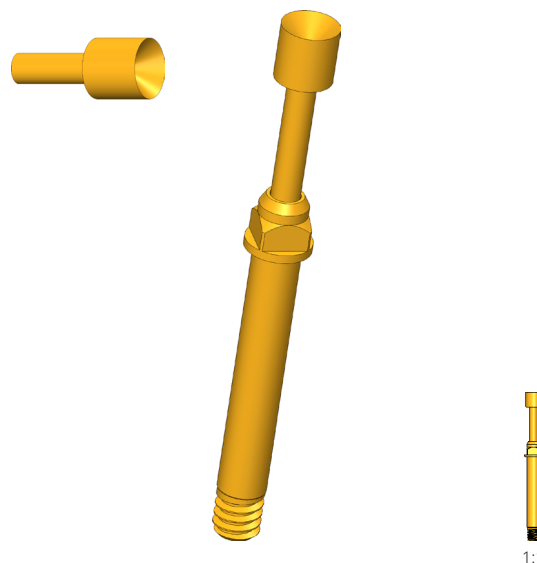
Item GKS-427-0050



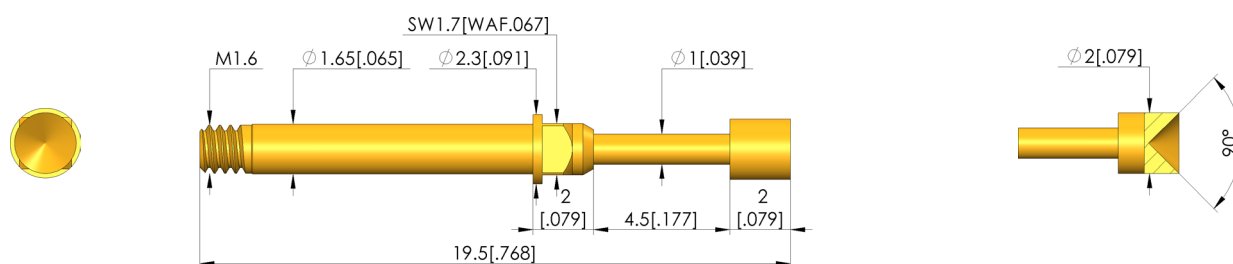
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- Short-stroke screw-in test probes for applications with possible vibrations or unwanted lateral and axial forces (migration of the test probes out of the receptacles is safely prevented)
- The screw-in test probe is securely installed in the KS using 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-427 M screw-in
Grid:	2.54 mm [100 mil]
Contacting from:	Pin, posts
Magnetic:	Yes
Installation type:	Screw-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Screw-in torque:	3 - 5 cNm [0.265 - 0.442 lbf·in]
Compatible receptacle(s):	KS-427 M
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
Typical resistance (Ri):	<20 mOhm

Mechanical data

Total length:	19.5 mm [0.767 in]
Barrel diameter:	1.65 mm [0.064 in]
Maximum stroke:	4.5 mm [0.177 in]
Spring pre-load:	0.24 N [0.054 lbf]
Collar height:	2 [0.079 in]
Spring force at working stroke:	0.8 N [0.18 lbf]
Recommended working stroke:	3.5 mm [0.137 in]

Tip style data

Tip style:	03 inverse cone
Tip diameter:	2 mm [0.078 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

SCREW-IN TEST PROBE

Spring-loaded test probe

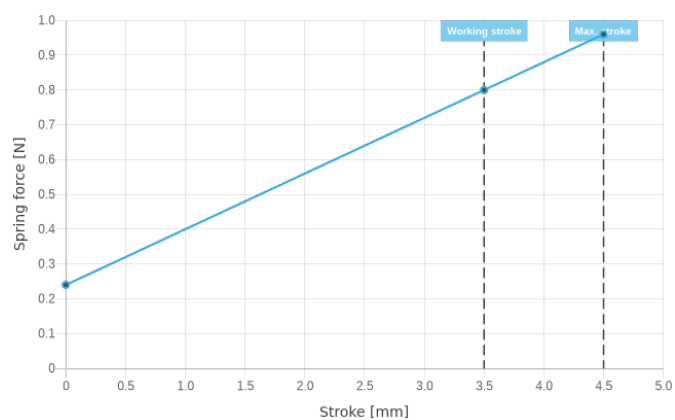
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