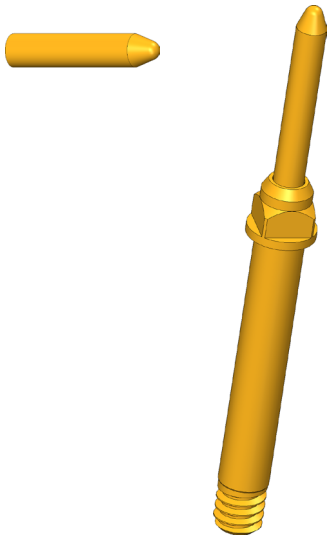
Spring-loaded test probe

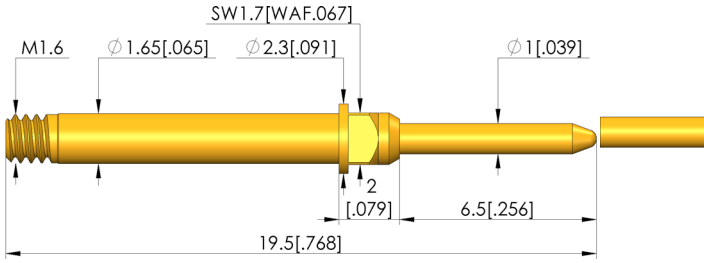
GKS-427 313 100 A 1502 M

Item GKS-427-0004

Partner for Future Techn

- 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





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:	Pad, Female connector
Magnetic:	Yes
Installation type:	Screw-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Screw-in torque:	3 - 5 cNm [.265 - .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:	
Typical resistance (Ri):	<20 mΩ

Mechanical data

Total length:	19.5 mm [.76
Barrel diameter:	1.65 mm [.06
Maximum stroke:	4.5 mm [.17
Spring pre-load:	0.25 N [.899
Collar height:	
Spring force at working stroke:	1.5 N [5.39
Recommended working stroke:	3.5 mm [.13

Tip style data

Tip style:	13 30° needle tip, roun
Tip diameter:	1 mm [.03
Tip style surface:	A
Tip style material:	3 C

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