

GKS-097 MO

PRODUCT INFORMATION Screw-in Test Probes

Grid:
 ≥ 1.27 mm
 ≥ 50 Mil
 Installation height with KS: 10.5 mm

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Screw-in test probe for 50 Mil grid

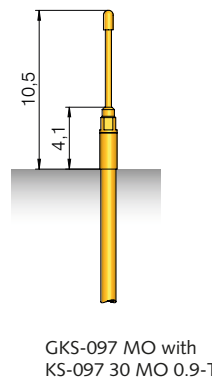
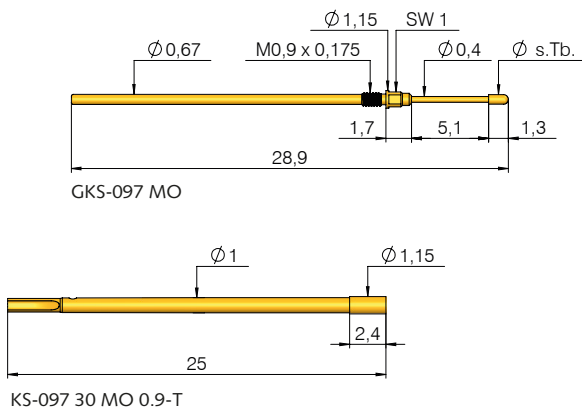
Features

- Screw-in test probes for the testing of cable harnesses and contacting plug connectors
- Can be used in small grid sizes of 50 Mil
- Several tip styles available with choice of various diameters corresponding to application

Function / Assembly

- The probes are mounted in the KS-097 30 MO0.9-T receptacle
- Receptacle features solder cup for electrical connection

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
2 01		A	Ø 0,40	
3 02		A	Ø 0,40	
3 02		A	Ø 0,64	
3 05		A	Ø 0,40	
3 05		A	Ø 0,64	
3 06		A	Ø 0,90	

Mechanical data

Working stroke: 4.0 mm
 Maximum stroke: 5.0 mm
 Spring force at working stroke: 1.1 N

Materials

Plunger: Steel; BeCu, gold-plated
 Barrel: Brass, gold-plated
 Spring: Spring Steel, gold-plated
 Receptacle: Brass, gold-plated

Mounting and Tools

Recommended screw-in torque: min. 0.5 cNm
 max. 1 cNm
 Tool: BIT-GKS-097 M
 BIT-GKS-097 M-B
 1.0 mm
 Width across flats: 1.0 mm
 Thread: M0.9x0.175

Electrical data

Current rating: 3 A
 Ri typical: ≤ 50 mΩ

Mounting hole size

With collar or press-ring as a collar-stop in CEM1 and FR4: Ø 0.99 - 1.00 mm

Operating temperature

Standard: -40° up to +80° C

Ordering example

	Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Special designation
Test probe:	G K S	0	9 7	3 0 5	0 6 4	A	1 1	0 2 M O
Receptacle:	K S - 0 9 7 3 0 M O 0.9 - T							