

GKS-001 M

PRODUCT INFORMATION

Screw-in Test Probes

Grid:
 ≥ 1.91 mm
 ≥ 75 Mil
 Installation height with KS: 8.3 mm

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Screw-in test probe for limited space

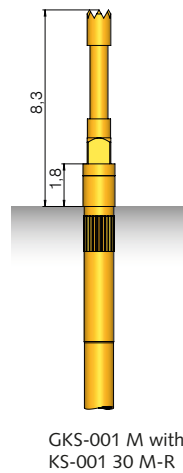
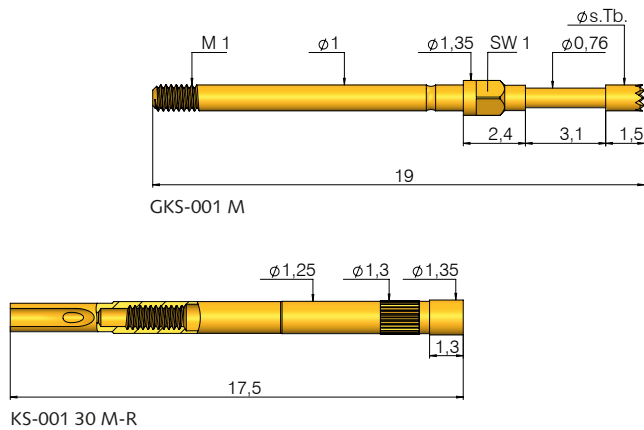
Features

- Screw-in test probes to for the testing of cable harnesses and contacting plug connectors
- Short, compact design used in limited space
- Can be used in small grid sizes of 75 Mil
- Several tip styles available with choice of various diameters corresponding to application
- Two spring forces available for optimal contact force

Function / Assembly

- The probes are mounted in the KS-001 30 M-R receptacle with knurl for a secure hold in test modules
- Receptacle features solder cup for electrical connection

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
3 05		A		
3 05		A	0.65	A
3 06		A		

Mechanical data

Working stroke: 2.4 mm
 Maximum stroke: 3.0 mm
 Spring force at working stroke: 0.8 N
 Alternative: 1.5 N

Materials

Plunger: BeCu, gold-plated
 Barrel: Brass, gold-plated
 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-075 M
 BIT-GKS-075 M-B
 Width across flats: 1.0 mm
 Thread: M1

Electrical data

Current rating: 4 A
 Ri typical: ≤ 20 mΩ

Mounting hole size

With collar or press-ring as a collar-stop
 in CEM1 and FR4: ∅ 1.25 - 1.27 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 0 1	3	0 5	0 5 0	A	1 5	0 2 M
Receptacles:	K S - 0 0 1 3 0 M - R							