

GKS 075 M

Screw-in Test Probe

Grid:

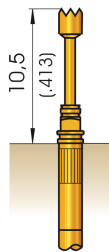
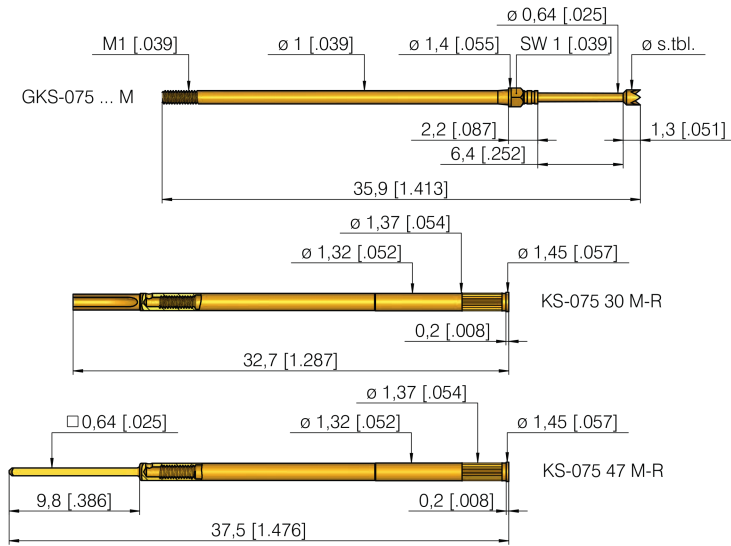
≥ 1,91 mm

≥ 75 Mil

Installation height with KS: 10,5 mm (.413)

Recommended stroke: 4,3 mm (.169)

Mounting and functional dimensions



Collar height and installation height

The installation height of the tip is 10,5 mm (.413). The test probe can only be used with a receptacle.

Mechanical data

Working stroke: 4,3 mm (.169)
Maximum stroke: 6,35 mm (.250)
Spring force at work. stroke: 2,0 N (7.2oz)
Alternative: 0,6 N (2.2oz); 1,0 N (3.6oz); 1,5 N (5.4oz); 2,8 N (10.1oz)

Electrical data

Current rating: 3 - 4 A
R_i typical: < 20 mΩ (** < 100 mΩ)

Operating temperature

Standard: -40° up to +80° C
****with spec. desig. "MC":** -100° up to +200° C (2,0 N; 2,8 N)

Materials

Plunger: BeCu or steel, gold-plated
Barrel: Brass, gold-plated
Spring: Steel, gold-plated or stainless steel
 ** (MC)

Mounting hole size

in CEM1 and FR4: ø 1,32 - 1,34 mm (.0520 - .0528)

Recommended screw-in torque:
 Min.: 0,5 cNm / Max.: 1 cNm

Available tip styles

Material	Tip style	Plating	Further versions	
			ø	ø (inch)
0 06*		A		
2 01		A		
3 02		A		
3 03		A		
2 04		A		
3 05		A		
3 05		A		
3 06		A	1,20	(.047)
2 07		A	1,00 1,20	(.039) (.047)
2 09		A		
3 13		A		
2 14		A	0,64 0,80 1,00	(.025) (.031) (.039)
2 17		A		
3 19		A	1,50	(.059)
2 24 ***		A		
2 25		A	1,30	(.051)
2 31		A		
2 77		A		
2 91		A		
2 97		A	0,80	(.031)
2 98		A		

* Tip height: 2,8 mm (.110), total length GKS 1,5 mm (.059) longer than standard
 Further tip styles see GKS-075, shown on page 26/27

*** higher middle tip plus 0,2 mm

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 alternative "MC"
Test probe:	G K S	0 7 5	2 0 1	0 6 4	A	1 5	0 2 M
Receptacles:	K S - 0 7 5 3 0 M - R		K S - 0 7 5 4 7 M - R				