

GKS 075 M

Screw-in Test Probe

Grid:

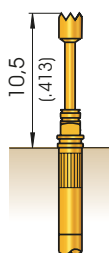
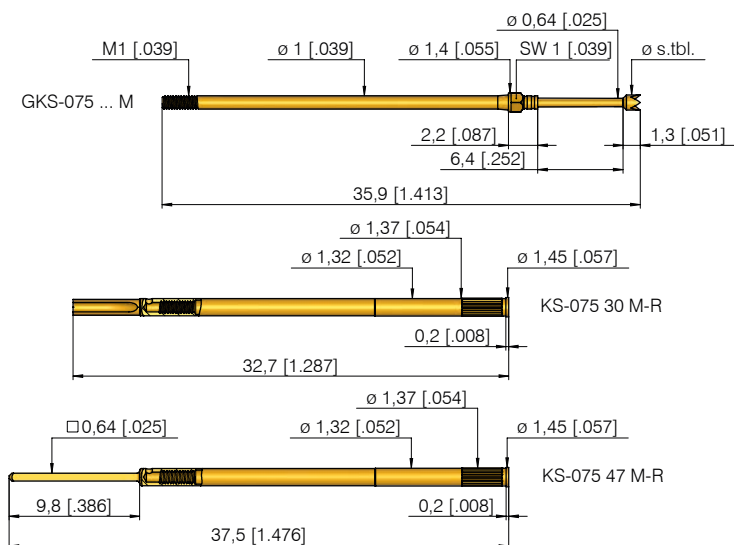
≥ 1,91 mm

≥ 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)

Materials

Plunger: BeCu or steel, gold-plated

Barrel: Brass, gold-plated

Spring: Steel, gold-plated or stainless steel ** (MC)

Electrical data

Current rating: 3 - 4 A

R_i typical: < 20 m Ω (** < 100 m Ω)

Mounting hole size

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

Operating temperature

Standard: -40° up to +80° C

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

Recommended screw-in torque:

Min.: 0,5 cNm / Max.: 1 cNm

Available tip styles

Material	Tip style	Plating	Further versions	
			$\varnothing$	$\varnothing$ (inch)
0 06*		A	$\varnothing 1,30$ (.051)	
2 01		A	$\varnothing 0,64$ (.025)	
3 02		A	$\varnothing 0,90$ (.040)	
3 03		A	$\varnothing 1,20$ (.047)	
2 04		A	$\varnothing 1,15$ (.045)	
3 05		A	$\varnothing 0,50$ (.020)	
3 05		A	$\varnothing 0,64$ (.025)	
3 06		A	$\varnothing 1,00$ (.039)	1,20 (.047)
2 07		A	$\varnothing 0,64$ (.025)	1,00 (.039) 1,20 (.047)
2 09		A	$\varnothing 0,64$ (.025)	
3 13		A	$\varnothing 0,61$ (.024)	
2 14		A	$\varnothing 0,50$ (.020)	0,64 (.025) 0,80 (.031) 1,00 (.039)
2 17		A	$\varnothing 1,20$ (.047)	
3 19		A	$\varnothing 1,20$ (.047)	1,50 (.059)
2 24***		A	$\varnothing 1,30$ (.051)	
2 25		A	$\varnothing 1,20$ (.047)	1,30 (.051)
2 31		A	$\varnothing 0,64$ (.025)	
2 77		A	$\varnothing 0,64$ (.025)	
2 91		A	$\varnothing 0,64$ (.025)	
2 97		A	$\varnothing 0,64$ (.025)	0,80 (.031)
2 98		A	$\varnothing 0,64$ (.025)	

* 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						