

GKS 899 M

Screw-in Step Probes

Grid:

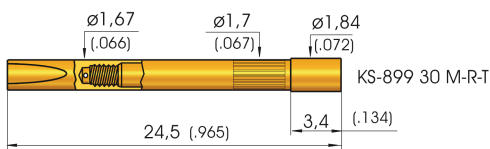
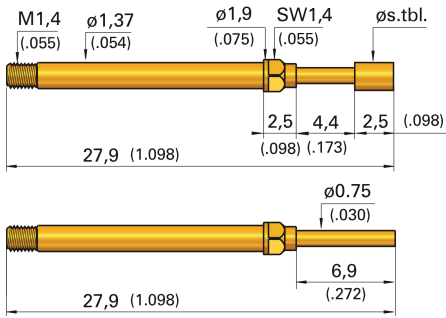
≥ 2,54 mm

≥ 100 Mil

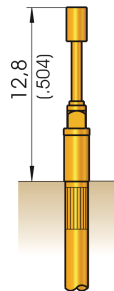
Installation height with KS: 12,8 (.504)

Recommended stroke: 3,5 mm (.138)

Mounting and functional dimensions



** axially positioned bore hole for leakage test.
Attention: when not assembled correctly, solder can flow inside the receptacle.



Collar height and installation height

The installation height of the tip is always 12,8 mm (.504). The test probe can only be used with a receptacle.

Mechanical data

Working stroke: 3,5 mm (.138)
Maximum stroke: 4,4 mm (.173)
Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 0,7 N (2.5oz); 2,5 N (9.0oz)
3,0 N (10.8oz)

Materials

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

Recommended screw-in torque:
Min.: 2 cNm / Max.: 3 cNm

Electrical data

Current rating: 3 - 5 A
R_i typical: < 20 mΩ

Mounting hole size

in CEM1 and FR4: ∅ 1,67 - 1,68 mm
(.0657 - .0661)

Operating temperature

Standard: -40° up to +80° C

Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 01		A		
3 02		A	0,65	(.026)
3 02		A		
3 03		A		
3 05		A	0,65	(.026)
3 06		A	1,00 1,80	(.039) (.071)
3 13		A		

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)	Type
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Test probe:

G K S 8 9 9 3 0 6 1 3 0 A 1 5 0 2 M

Receptacle for GKS-899 ... M:

K S - 8 9 9 3 0 M - R - T

Receptacle for leakage test **:

K S - 8 9 9 3 0 M - R