

GKS-899 M

Screw-in Step Probes

Grid:

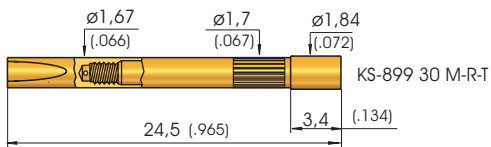
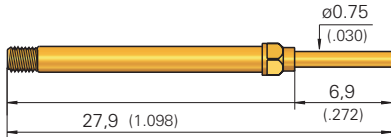
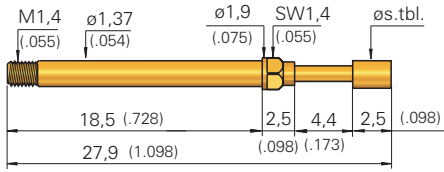
≥ 2,54 mm

≥ 100 Mil

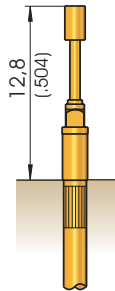
Installation Height: 12,8 (.504)

Recommended Stroke: 3,5 mm (.138)

Mounting and Functional Dimensions



** axially positioned trough-hole for leakage test. Attention: when not assembled correctly, then 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); 3,0 N (10.8oz)

Electrical Data

Current Rating: 3 - 5 A

R_i typical: < 20 mΩ

Materials

Plunger: Steel or BeCu, gold-plated

Barrel: Brass, gold-plated

Spring: Steel, gold-plated

Receptacle: Brass, gold-plated

Mounting Hole Size

in CEM 1 and FR 4: ø 1,67 - 1,68 mm (.0657 - .0661)

Operating Temperature

Standard: -40° up to +80° C

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
2	01	A	ø 0,75 (.030)	
3	02	A	ø 0,75 (.030)	
3	02	A	ø 1,50 (.059)	
NEW 3	03	A	ø 1,80 (.071)	
3	05	A	ø 0,75 (.030)	0,65 (.026)
3	06	A	ø 1,30 (.051)	
3	06	A	ø 1,80 (.071)	
3	13	A	ø 0,61 (.024)	

Note:

GKS-899 ... M will be screwed into KS-899 ... M-R using special tools (see page 170/171).

Recommended Screw-in Torque:
Min.: 2 Ncm / Max.: 3 Ncm

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Type
	2 = Steel 3 = BeCu			A = Gold R = Rhodium			
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						