
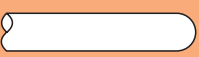

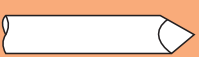
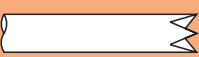

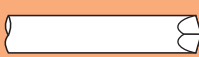




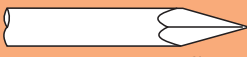
ICT-/FCT-Test Probe
 Installation Height: 16,0 mm (.630) /variable
 Recommended Stroke: 4,3 mm (.169)

Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

GKS 050

Available Tip Styles				
Material	Tip Style	Standard Plating	Special Versions	
			Ø	Ø(inch)
3	03 	A	0,90	(.035)
3	05 	A		
3	06 	A		
3	07 	A	0,90	(.035)
2	14 	A		
2	31 	A		
2	38 	A		
2	91 	A		
2	97 	A		

Special Version GKS-050...L

Available Tip Styles				
Material	Tip Style	Standard Plating	Special Versions	
			Ø	Ø(inch)
2	91 	A		

Total length 45,2 mm (1.780), Special Designation "L"

Plug:

The Plugs SE-050 and SE-050 V-30 are to be used with the Receptacle KS-050 35 E08.

SE-050 V-30:

The Plug is pre-wired with Wire AWG 30. The connection is soldered. A piece of insulating tubing prevents shorts.

Tools:

Insertion and Extraction Tools for GKS and KS > see Page 80.

Ordering Example:

Series	Tip Material	Tip Style	Tip Diameter	Plating	Spring Force	Collar Height	Special-Designation
	2 = Steel 3 = BeCu		(1/100 mm)	A = Gold	(dN)	(mm)	("C" or "L" at Series 050)

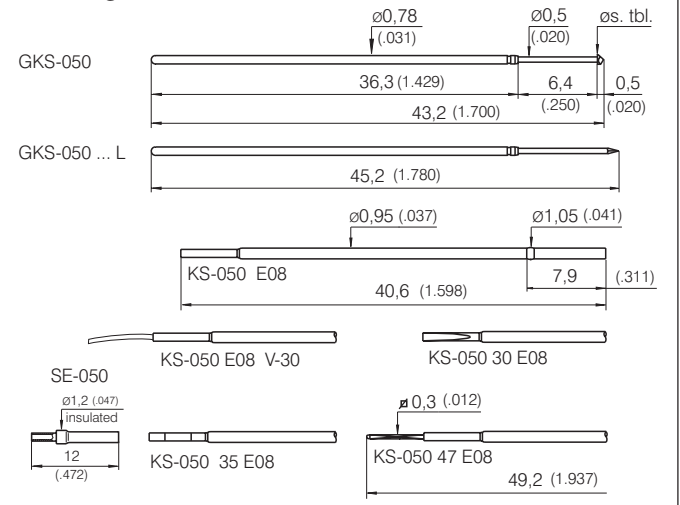
Test Probe with tot. Length 43,2 mm (1.700): **G K S 0 5 0 2 9 1 0 5 0 A 1 0 0 0**

Test Probe with tot. Length 45,2 mm (1.780): **G K S 0 5 0 2 9 1 0 5 0 A 1 5 0 0 L**

Receptacles: **KS - 050 E08** **KS-050 30 E08** **KS-050 35 E08** **KS-050 E08 V - 30**

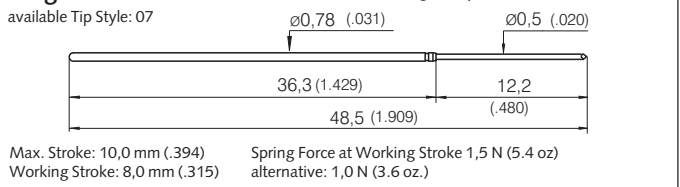
Plugs: **SE - 050** **SE - 050 V - 30** All specifications are subject to change without prior notification

Mounting and Functional Dimensions



Long-stroke Test Probe GKS-015

Ordering Example: GKS-015 307 050 A xx00

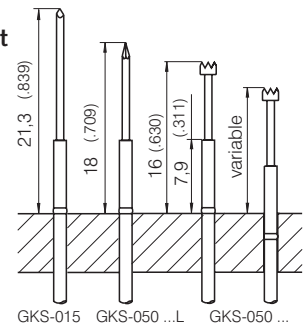


Mechanical Data

Working Stroke: 4,3 mm (.169)
 Maximum Stroke: 6,35 mm (.250)
 Spring Force at Work. Stroke: 1,5 N (5.4 oz.) alternative: 1,0 N (3.6 oz); 2,0 N (7.2 oz)
 Test Point Size: ≥ Ø 0,80 mm (.031)
 When using Guide Plate: ≥ Ø 0,60 mm (.024)

Collar Height and Installation Height

To adjust the Installation Height, Receptacles with a Press-ring are used. The Receptacles can be inserted up to the Pressring (i.e. acting as a collar-stop) or with the Pressring being pressed into the mounting hole.



Electrical Data

Current Rating: 2-3 A
 R_i typical: < 20 mΩ (* >100 mΩ)

Operating Temperature

Standard: -40° up to +80° C
 * With Special Designation "C": -100° up to +200° C (2,0 N)

Mounting Hole Size

in CEM 1: Ø 0,96 - 0,98 mm (.0378 - .0386)
 in FR 4: Ø 0,97 - 0,99 mm (.0382 - .0390)

Materials

Plunger: BeCu or Steel, gold-plated
 Barrel: Bronze, gold-plated
 Spring: Steel, gold-plated or stainless Steel* (C)
 Receptacle: BeCu, gold-plated