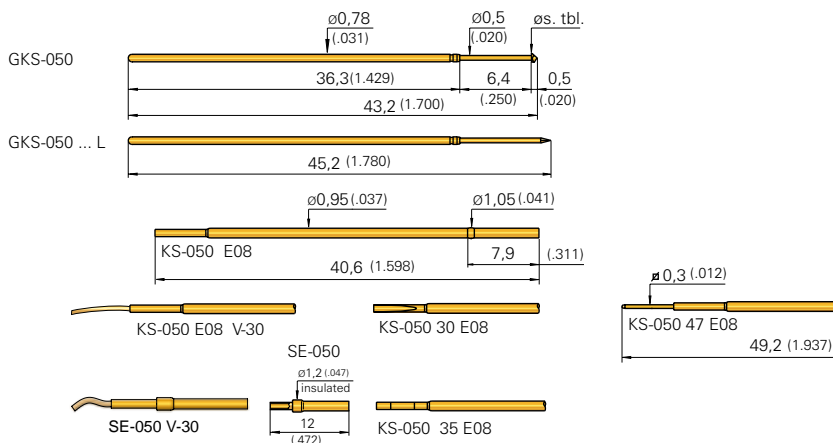


Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

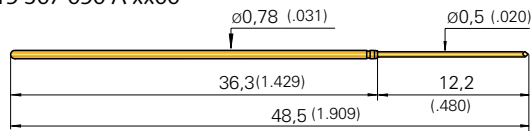
Installation Height: 16,0 mm (.630) / variable
Recommended Stroke: 4,3 mm (.169)

Mounting and Functional Dimensions



Long-stroke Test Probe GKS-015

GKS-015 307 050 A xx00

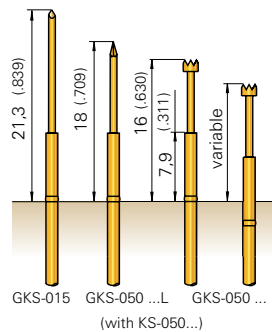


Max. Stroke: 10,0 mm (.394)
 Work.Stroke: 8,0 mm (.315)

Spring Force at Work. Stroke: 1,5 N (5.4oz)
 alternative: 1,0 N (3.6oz)

Collar Height and Installations Height

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



Mechanical Data

Working Stroke: 4,3 mm (.169)
Maximum Stroke: 6,35 mm (.250)
Spring Force at Work. Stroke: 1,5 N (5.4oz)
alternative: 1,0 N (3.6oz); 2,0 N** (7.2oz)
 ** only for GKS-050

Elektrical Data

Current Rating: 2 - 3 A
R_i typical: < 20 m Ω (* < 100 m Ω)

Mounting Hole Size

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

Operating Temperature

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

Materials

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

Note: Screw-in version see on page 126.

Tools: Insertion and Extraction Tools for GKS and KS see Page 118.

Available Tip Styles

Material	Tip Styles	Plating	Further Versions	
			\varnothing	\varnothing (inch)
2 01		A		
3 02		A		
3 03		A	0,90	(.035)
3 05		A		
3 06		A		
3 07		A	0,90	(.035)
2 14		A		
2 22*		A		
2 31		A		
2 38		A		
2 77		A		
2 91		A		
2 97		A		

* conical down to $\varnothing 0,50$ mm

Available Tip Styles Special Version GKS-050...L

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (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 / KS-050 E08 V-30:

The Plug and the Receptacle are pre-wired with 1 m Wire AWG 30. The connection is soldered. A piece of insulation tubing prevents shorts between the Receptacles.

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 ("C" "L" "LC" at Series 050)
Test Probe with total Length 43,2 mm (1.700):	GKS	050	2	91	050	A	10	00
Test Probe with total Length 45,2 mm (1.780):	GKS	050	2	91	050	A	15	00 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						

e-type® Probes
 ICT / FCT
 Bead Probes
 Fine Pitch
 Metric Stand.
 Solderable
 Short-stroke
 Flying Probes
 DKS
 SKS
 PKS / PSK
 RF / Dipole Test Probes
 HSS
 Fixture customizing
 Tools
 Cable Test Probes