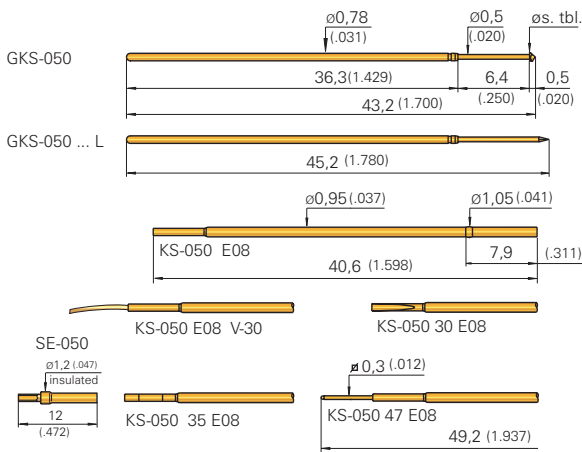


Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

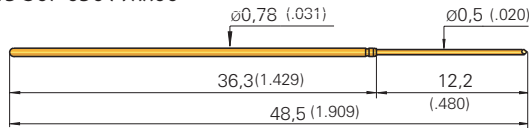
Installation Height: 16,0 mm (.630) / variable
 Recommended Stroke: 4,3 mm (.169)

Mounting and Functional Dimensions



Long-stroke Test Probe GKS-015

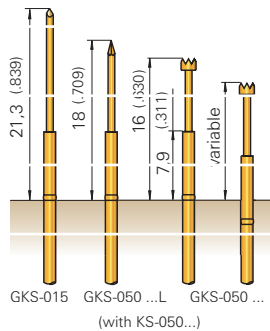
GKS-015 307 050 A xx00



Max. Stroke: 10,0 mm (.394) Spring Force at Work. Stroke: 1,5 N (5.4oz)
 Work.Stroke: 8,0 mm (.315) 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)

Elektrical Data

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

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	$\varnothing 0,50$ (.020)	
3	02	A	$\varnothing 0,60$ (.024)	
3	03	A	$\varnothing 0,50$ (.020)	0,90 (.035)
3	05	A	$\varnothing 0,50$ (.020)	
3	06	A	$\varnothing 0,90$ (.035)	
3	07	A	$\varnothing 0,50$ (.020)	0,90 (.035)
2	14	A	$\varnothing 0,50$ (.020)	
2	22	A	$\varnothing 0,40$ (.016)	
2	31	A	$\varnothing 0,50$ (.020)	
2	38	A	$\varnothing 0,50$ (.020)	
2	77	A	$\varnothing 0,50$ (.020)	
2	91	A	$\varnothing 0,50$ (.020)	
2	97	A	$\varnothing 0,50$ (.020)	

* 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	$\varnothing 0,50$ (.020)	

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 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						