

# GKS 015

Long-stroke Test Probe for Dual-stage Fixtures

**Grid:**

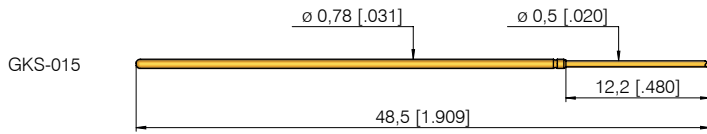
≥ 1,27 mm

≥ 50 Mil

Installation height with KS: 21,3 / 23,3 mm (.839 / .917) / variable

Recommended stroke: 8,0 mm (.315)

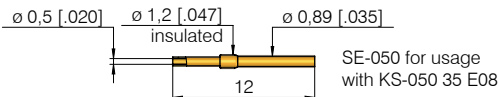
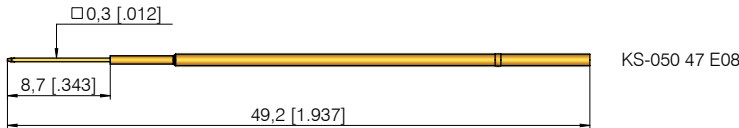
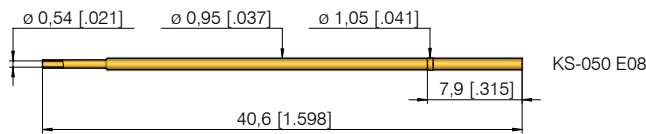
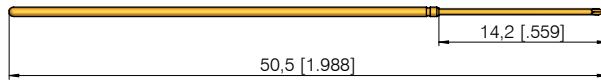
## Mounting and functional dimensions



**NEW**

GKS-015 ... LP

(Long version with longer plunger. See "available tip styles".)



SE-050 for usage with KS-050 35 E08

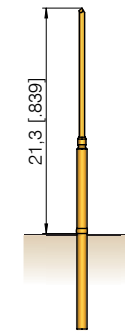


SE-050 V-30 for usage with KS-050 35 E08

Available tip styles version GKS-015				
Material	Tip styles	Plating	Further versions	
			∅	∅ (inch)
3 07		A	∅ 0,50 (.020)	
2 91		A	∅ 0,50 (.020)	

Available tip styles special version GKS-015...LP				
Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 91		A	∅ 0,50 (.020)	

**NEW**



GKS-015  
(with KS-050 ... E08)

### 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 press ring (i.e. acting as a collar-stop) or with the press ring being pressed into the mounting hole.

### Mechanical data

**Working stroke:** 8,0 mm (.315)

**Maximum stroke:** 10 mm (.394)

**Spring force at work. stroke:** 1,5 N (5.4oz)

**Alternative:** 1,0 N (3.6oz)

### Materials

**Plunger:** BeCu or steel, gold-plated

**Barrel:** Bronze, gold-plated

**Spring:** Steel, gold-plated

**Receptacle:** BeCu, gold-plated

### Electrical Data

**Current rating:** 2 - 3 A

**R<sub>i</sub> typical:** < 20 mΩ

### Mounting hole size

**in CEM1 und FR4:** ∅ 0,98 - 1,00 mm

(.0386-.0394)

### Plug:

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 receptacle are pre-wired with 1 m AWG 30 wire. The connection is soldered. Insulation tubing prevents shorts between the receptacles. Minimal recommended bending radius: 10 mm (.394).

### Operating temperature

**Standard:** -40° up to +80° C

## 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 ("LP")
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Test probe with total length 48,5 mm (1.909):

G K S 0 1 5 2 9 1 0 5 0 A 1 5 0 0

Test probe with total length 50,5 mm (1.988):

G K S 0 1 5 2 9 1 0 5 0 A 1 5 0 0 L P

Receptacles:

K S - 0 5 0 E 0 8    K S - 0 5 0 3 0 E 0 8    K S - 0 5 0 3 5 E 0 8    K S - 0 5 0 E 0 8 V - 3 0

Plugs:

S E - 0 5 0    S E - 0 5 0 V - 3 0