

GKS 015

Long-stroke Test Probe for Dual-stage Fixtures

Grid:

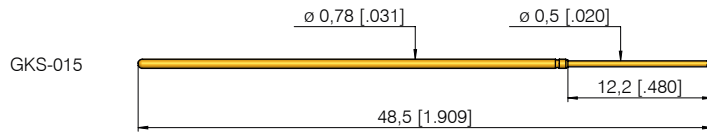
≥ 1,27 mm

≥ 50 Mil

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

Recommended stroke: 8,0 mm (.315)

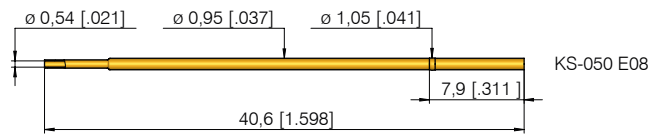
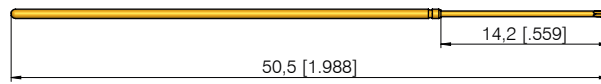
Mounting and functional dimensions



NEW

GKS-015 ... LP

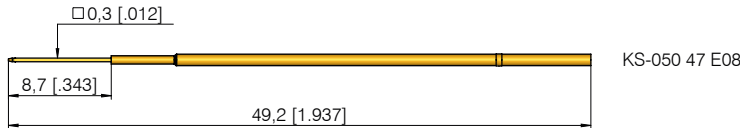
(Long version with longer plunger. See "available tip styles".)



KS-050 E08



KS-050 30 E08



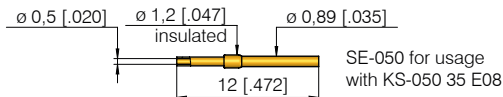
KS-050 47 E08



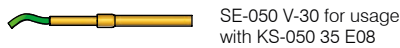
KS-050 E08 V-30



KS-050 35 E08



SE-050 for usage with KS-050 35 E08

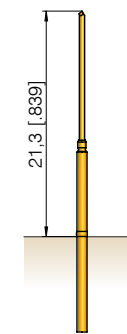


SE-050 V-30 for usage with KS-050 35 E08

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

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

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_i typical: < 20 mΩ

Mounting hole size

in CEM1 und FR4: Ø 0,98 - 1,00 mm

(.0386-.0394)

Operating temperature

Standard: -40° up to +80° C

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).

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")
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					