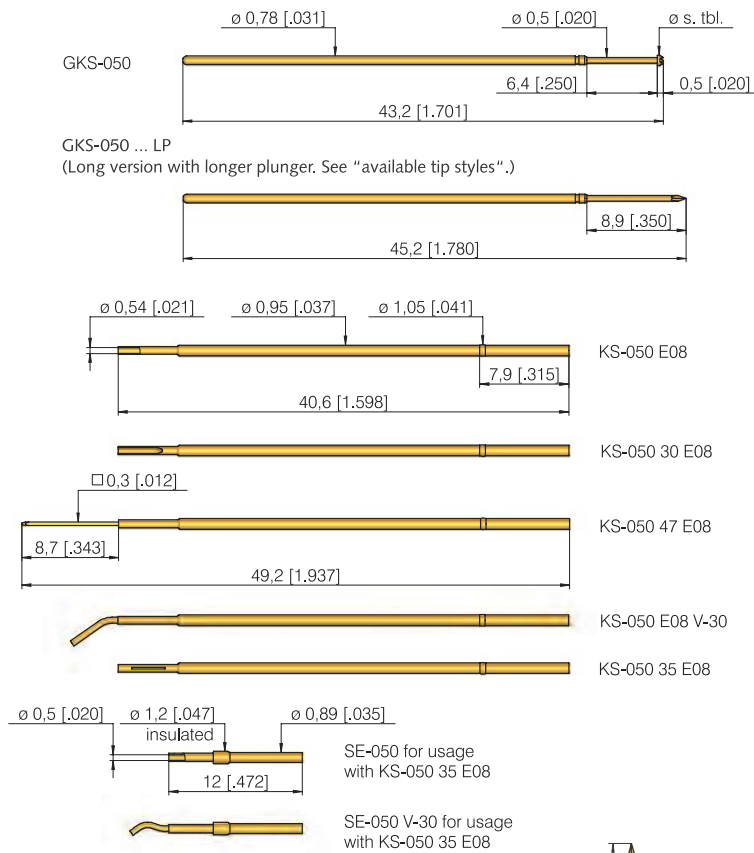


Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

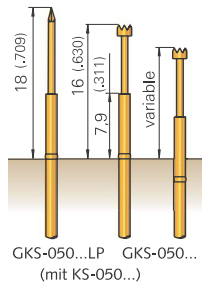
Installation height with KS: 16,0 / 18,0 mm (.630 / .709) / variable
Recommended stroke: 4,3 mm (.169)

Mounting and functional dimensions



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 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)

Electrical Data

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

Mounting hole size

in CEM1 and FR4: $\varnothing 0,98 - 1,00$ mm
 (.0386 -.0394)

Materials

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

Operating temperature

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

Note:

Screw-in versions shown on page 121.

Available tip styles version GKS-050

Material	Tip style	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)	
3 19		A	$\varnothing 0,90$ (.035)	
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...LP

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 "LP"

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 ("C"; "LP")
Test probe with total 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 total length 45,2 mm (1.780):	G K S	0 5 0	2 9 1	0 5 0	A	1 5	0 0	LP
Receptacles:	KS-050 E08	KS-050 30 E08	KS-050 35 E08	KS-050 E08 V-30				
Plugs:	SE-050	SE-050 V-30						