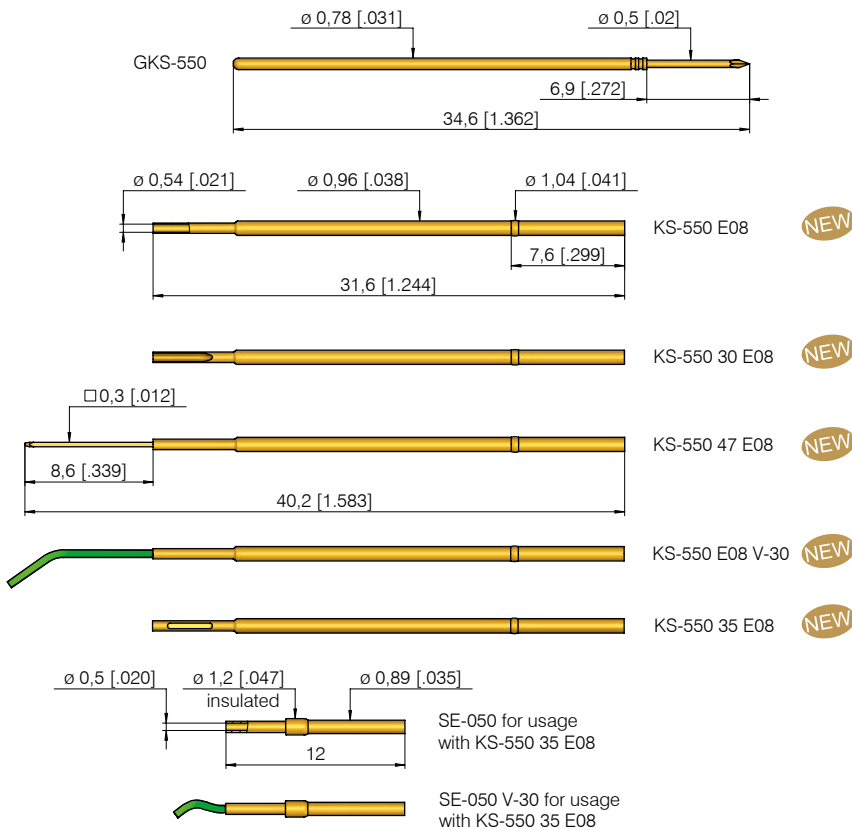


Mounting and functional dimensions



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

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: 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)

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 m Ω

Mounting hole size

in CEM1: $\varnothing 0,96 - 0,98$ mm (.0378-.0386)
in FR4: $\varnothing 0,97 - 0,99$ mm (.0382-.0390)

Operating temperature

Standard: -40° up to +80° C

SE-050 V-30 / KS-550 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. Recommended minimal 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
Test probe	G K S	5 5 0	2	9 1	0 5 0	A	1 5	0 0
Receptacles:	KS-550 E08	KS-550 30 E08	KS-550 35 E08	KS-550 E08 V-30				
Plug:	SE-050	SE-050 V-30						