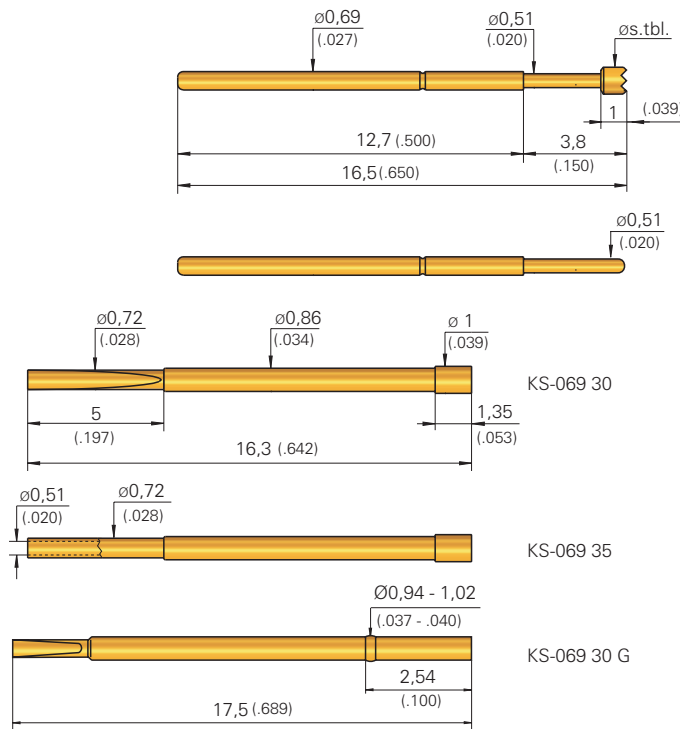


Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

Installation height with KS: 6,7 mm (.264) / 6,3 mm (.248)/variable
Recommended stroke: 2,2 mm (.087)

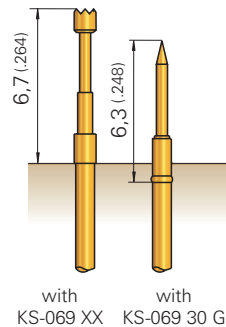
Mounting and functional dimensions



Collar height and installation height

The installation height of the probe is determined by the receptacle.

Designation	Install. height with KS
KS-069 30	6,7 mm (.264)
KS-069 35	6,7 mm (.264)
KS-069 30 G	6,3 mm (.248)/variable



Mechanical data

Working stroke: 2,2 mm (.087)
Maximum stroke: 2,8 mm (.110)
Spring force at work. stroke: 0,7 N (2.5oz)
Alternative: 1,0 N (3.6oz)

Electrical data

Current rating: 3 A
R_i typical: < 20 mΩ

Operating temperature

Standard: -40° up to +80° C

Materials

Plunger: BeCu or steel, gold-plated or chemically nickel-plated
Barrel: Nickel-silver, gold-plated
Spring: Steel, gold-plated
Receptacle: Brass or Nickel-silver, gold-plated

Mounting hole size

for KS-069 30 / 35: \varnothing 0,85 - 0,86 mm (.0335 - .0339)
for KS-069 30 G: \varnothing 0,86 - 0,92 mm (.0339 - .0362)

Note:

Series 069 can only be used with a receptacle.

The KS-069 is available pre-wired with 1 m wire AWG 26 (see ordering example). Recommended minimal bending radius: 10 mm (.394).

Note:

Test probes in the GKS-069 series are also available with bent barrel end (special designation "B")

		Available tip styles			
Material	Tip style	Plating	Further versions		
			\varnothing	\varnothing (inch)	
2 01		N	0,51 A	(.020)	
3 03		A	1,52	(.060)	
2 05		N			
3 05		A			
3 05		A			
3 06		A			
3 07		A			
2 14		A			
2 17		A			

Fine Pitch

Ordering example

Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold N = Nickel	Spring force (dN)	Collar height (mm)	Special designation ("B")
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Test probe:

G K S 0 6 9 3 0 6 0 9 0 A 0 7 0 0

Receptacles:

K S - 0 6 9 3 0 K S - 0 6 9 3 5 K S - 0 6 9 3 0 G

Receptacle, pre-wired with AWG 26:

K S - 0 6 9 3 5 V - 2 6