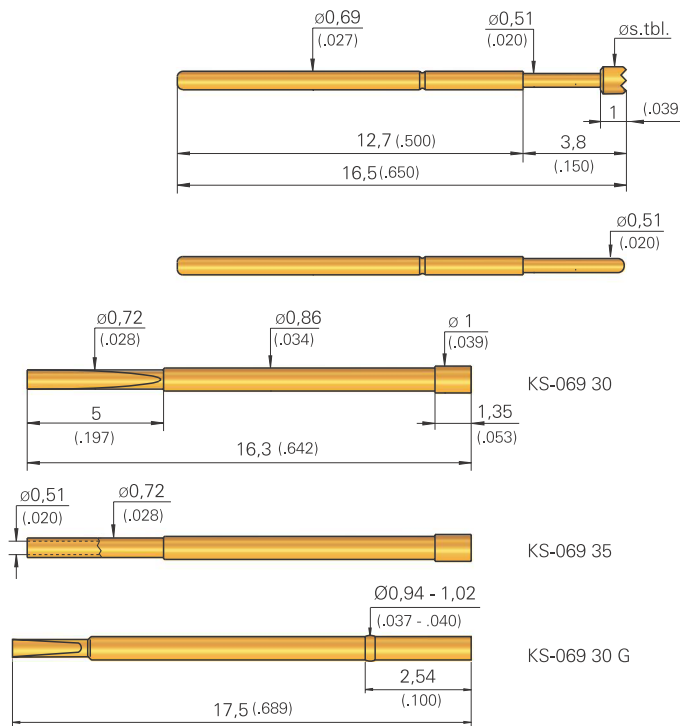


Grid:
 ≥ 1,27 mm
 ≥ 50 Mil

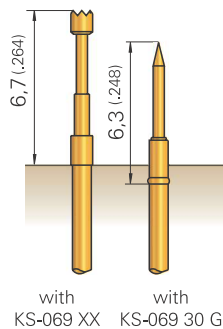
Installation height with KS: 6,7 mm (.264) / 6,3 mm (.248)/variable
Recommended stroke: 2,2 mm (.087)

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")

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")
--------	---------------------------------------	-----------	----------------------------	-----------------------------------	----------------------	-----------------------	--------------------------------

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