

GKS 967

Short-stroke and Charging Test Probes

Grid:

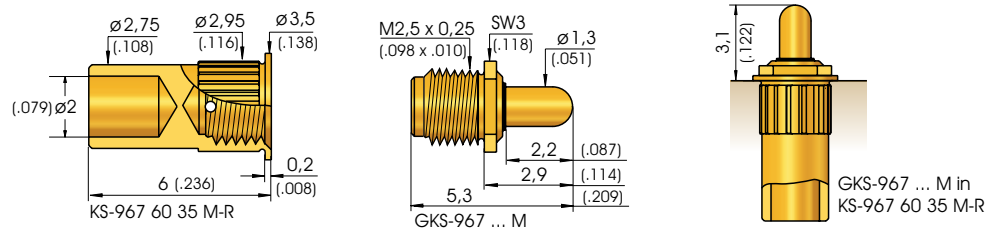
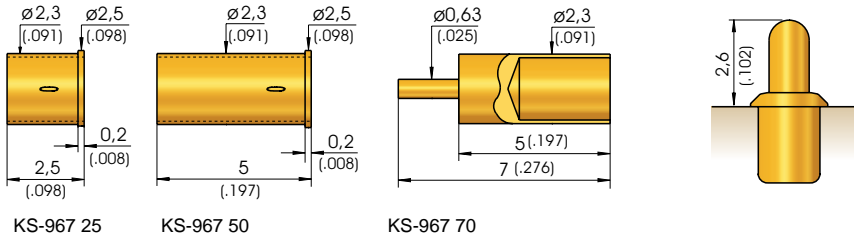
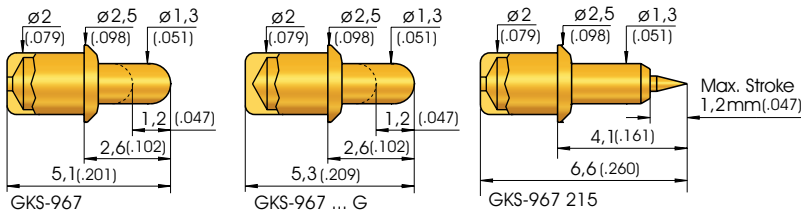
≥ 3,00 mm

≥ 120 Mil

Installation Height: 2,6 resp. 4,1 mm (.102/ .161)

Recommended Stroke: 1,0 mm (.039)

Mounting and Functional Dimensions



Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
3 02		A		
3 03		A		
3 04		A		
3 05		A		
3 06		A		
2 15*		A		

* Installation Height: 4,1 mm (.161)

Mechanical Data

Working Stroke: 1,0 mm (.039)
Maximum Stroke: 1,2 mm (.047)
Spring Force at Work. Stroke: 2,0 N (7.2oz)
alternative: 1,0 N (3.6oz)

Electrical Data

Current Rating: 5 - 8 A
R_i typical: < 10 mΩ
 (* < 100 mΩ)

Materials

Plunger: BeCu or steel, gold-plated
Barrel: Brass, gold-plated
Spring: Stainless Steel*, Steel, gold-plated
Receptacle: Brass, gold-plated

Mounting Hole Size

GKS 967
in CEM1 and FR4
with Receptacle: ∅ 2,28 - 2,29 mm
 (.0898 - .0902)
without Receptacle: ∅ 2,00 mm (.0787)

Mounting Hole Size

GKS 967 ... M
in CEM1 und FR4
with Receptacle: ∅ 2,92 - 2,94 mm
 (.1150 - .1157)

Operating Temperature

Standard: -40° up to +80° C
***with Special Designation „C“ or „G“:**
 -100° up to +200° C (1,0 N; 2,0 N)

Note:

GKS-967 ... M will be screwed into Receptacle KS-967 60 35 M-R; using special tools (see Page 170/171).

Recommended Screw-in Torque:
 Min.: 3 Ncm / Max.: 5 Ncm

Ordering Example

	Series	Tip Material 1 = Brass 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold R = Rhodium	Spring Force (dN)	Collar Height (mm)	Type „C“, „G“, „M“ or „MC“
Test Probe:	G K S	9 6 7	3	0 4	1 3 0	A	2 0	0 1
Receptacles:	K S - 9 6 7 2 5	K S - 9 6 7 5 0	K S - 9 6 7 7 0					
Test Probe (Page 69):	G K S	7 6 1	3	0 5	0 8 0	A	1 0	0 1 M
Receptacle (Page 69):	K S - 7 6 1 6 0 3 5 M - R							
Test Probe (Page 69):	G K S	9 7 0	3	0 5	1 3 0	A	2 0	0 1
Test Probe (Page 69):	G K S	9 6 1	3	0 5	0 5 0	A	0 6	0 1
Receptacle (Page 69):	K S - 9 6 1 3 5							