

GKS 970

Short-stroke and Charging Test Probes

Grid:

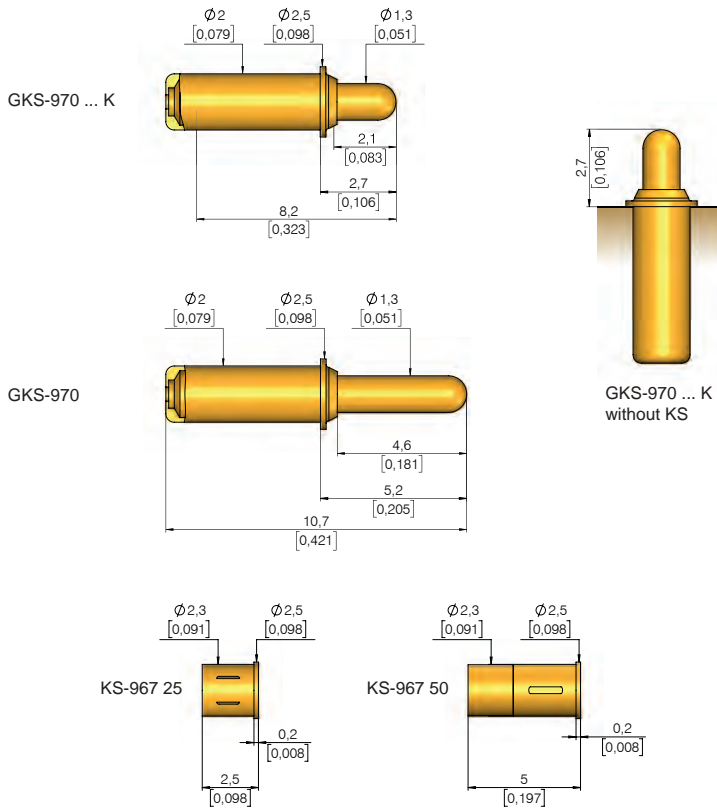
≥ 3 mm

≥ 120 Mil

Installation height with KS: 2,8 mm (.110) respect. 5,3 mm (.209)

Recommended stroke: 1,0 mm (.039) respect. 2,8 mm (.110)

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
W	05	A	∅ 1,30 (.051)	

Mechanical data (970 ... K)

Work. stroke: 2,8 mm (.110) (1,0 mm(.039))

Max. stroke: 3,3 mm (.130) (1,7 mm (.067))

Spring force at work.stroke: 1,0 N (3.6oz);
2,0 N (7.2oz); (2,0 N (7.2oz))

Alternative: *1,0 N; *2,0 N (not 970...K)

Materials

Plunger: BeCu, gold-plated

Barrel: Brass, gold-plated

Spring: Stainless steel, steel, gold-plated

Receptacle: Brass, gold-plated

Electrical data (970 ... K)

Current rating: 5 - 8 A

R_i typical: < 20 mΩ

* < 100 mΩ

Mounting hole size

in CEM1 and FR4

with receptacle: ∅ 2,28 - 2,29 mm

(.0898 - .0902)

without receptacle: ∅ 2,0 mm (.0787)

Operating temperature

Standard: -40° up to +80° C

***with special designation "C":**

-100° up to +200° C (1,0 N; 2,0 N)

Ordering example

Series	Tip material 2 = Steel 3 = CuBe	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Type alternative: "K"
GKS 970 3 05 130 A 20 01							
KS-967 25							
KS-967 50							

Test probe:

Receptacles: