

GKS 970

Short-stroke and Charging Test Probes

Grid:

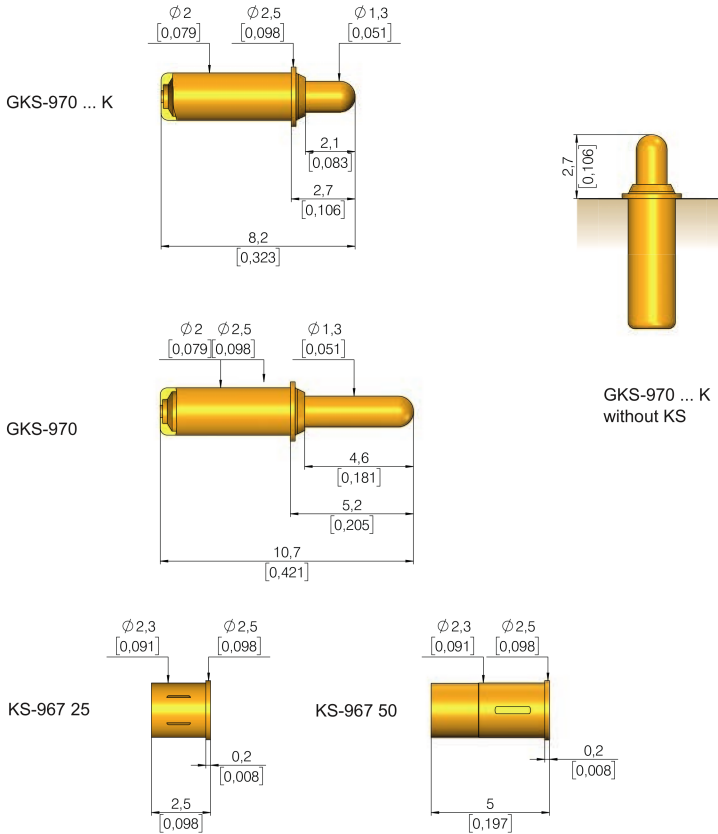
≥ 3,00 mm

≥ 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)
3	05	A		

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)

Electrical data (970 ... K)

Current rating: 5 - 8 A

R_i typical: < 20 mΩ

* < 100 mΩ

Operating temperature

Standard: -40° up to +80° C

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

-100° up to +200° C (1,0 N; 2,0 N)

Materials

Plunger: BeCu, gold-plated

Barrel: Brass, gold-plated

Spring: Stainless steel, steel, gold-plated

Receptacle: Brass, gold-plated

Mounting hole size

in CEM1 and FR4

with receptacle: ∅ 2,28 - 2,29 mm

(.0898 - .0902)

without receptacle: ∅ 2,0 mm (.0787)

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"
Test probe:	G K S	9 7 0	3	0 5	1 3 0	A	2 0	0 1
Receptacles:	K S - 9 6 7 2 5	K S - 9 6 7 5 0						