

# GKS 970

Short-stroke and Charging Test Probes

## Grid:

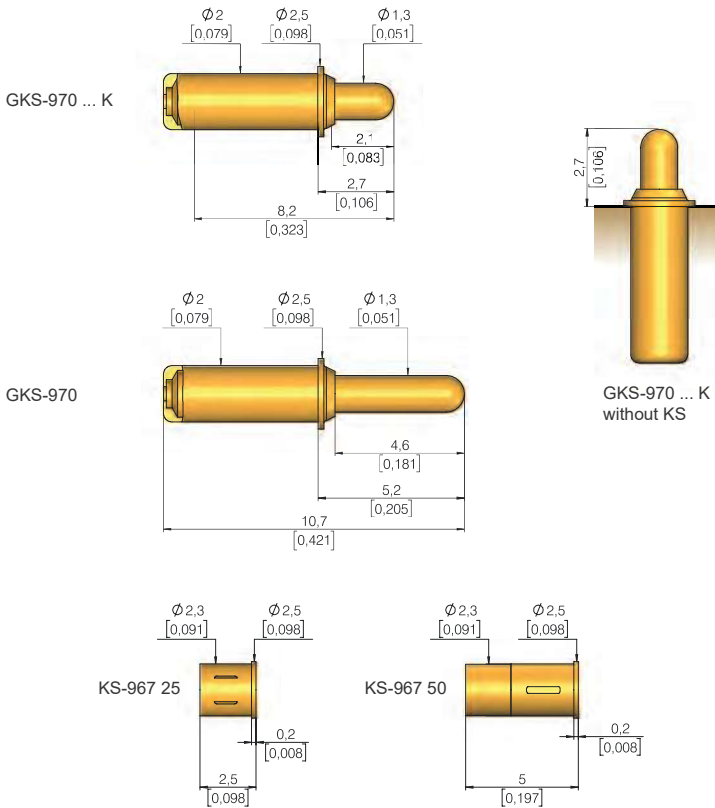
≥ 3 mm

≥ 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)
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)

### 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<sub>i</sub> 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"
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					