

# GKS 081

Test Probe for contacting in SMD-Technology

## Grid:

≥ 1,00 mm

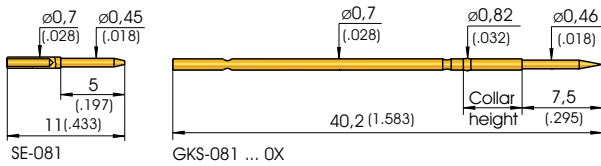
≥ 40 Mil

Installation Height: 10,5/13,0/16,0 mm (.413/ .512/ .630)

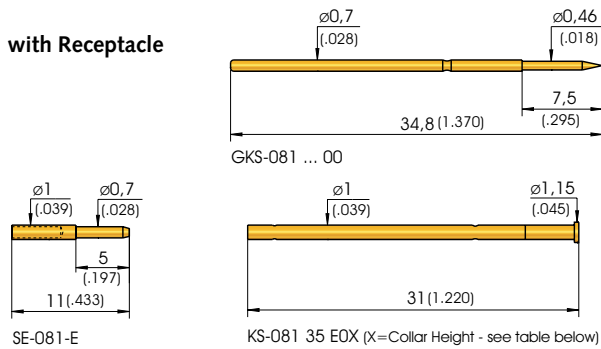
Recommended Stroke: 5,5 mm (.217)

## Mounting and Functional Dimensions

### without Receptacle



### with Receptacle



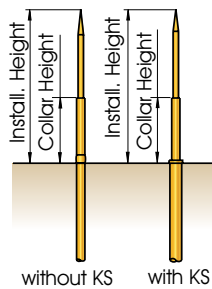
## Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
3	51	A	∅ 0,50 (.020)	
3	54	A	∅ 0,50 (.020)	
2	91	A	∅ 0,50 (.020)	

### Collar Height and Installation Height

To adjust the Installation Height of the Test Probes, Receptacles with various Collar Height are available.

Collar Height	Installation Height
03	10,5 mm (.413)
05	13,0 mm (.512)
08	16,0 mm (.630)



### Mechanical Data

**Working Stroke:** 5,5 mm (.217)

**Maximum Stroke:** 7,5 mm (.295)

**Spring Force at Work. Stroke:** 0,8 N (2.9oz)

### Materials

**Plunger:** BeCu or Steel, gold-plated

**Barrel:** Brass, gold-plated

**Spring:** Steel, gold-plated

**Receptacle:** Brass, gold-plated

### Note:

The Receptacle can be used from Grid 1,27 (50 Mil) up.

### Electrical Data

**Current Rating:** 3 A

**R<sub>j</sub> typical:** < 30 mΩ

### Mounting Hole Size

**with Receptacle:** ∅ 0,99 - 1,00 mm (.039 - .0394)

**without Receptacle:** ∅ 0,70 mm (.0276)

### Tools:

Insertion and Extraction Tools for GKS and KS see Page 118.

## Ordering Example

Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)
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Test Probe for usage **without** Receptacle:

G K S 0 8 1 3 5 4 0 5 0 A 0 8 0 3

Test Probe for usage **with** Receptacle:

G K S 0 8 1 3 5 4 0 5 0 A 0 8 0 0

Receptacles:

K S - 0 8 1 3 5 E 0 3    K S - 0 8 1 3 5 E 0 5    K S - 0 8 1 3 5 E 0 8

Plug for direct connection to Probe (GKS):

S E - 0 8 1

Plug for Receptacle:

S E - 0 8 1 E