

**Screw-in Test Probe**

Installation Height: 7,2 / 8,2 mm (.283/ .323)

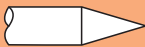


Recommended Stroke: 4,0 mm (.157)

**Grid:**

≥ 1,27 mm

≥ 50 Mil

# GKS 087 M

| Available Tip Styles |  |                  |                  |          |
|----------------------|--|------------------|------------------|----------|
| Material             | Tip Style  | Standard Plating | Special Versions |          |
|                      |  |                  | Ø                | (Ø inch) |
| 3                    | 01  | A                | Ø 0,50<br>(.020) |          |
| 3                    | 03  | A                | Ø 0,90<br>(.035) |          |
| 3                    | 05  | A                | Ø 0,50<br>(.020) |          |

**Mechanical Data**

Working Stroke: 4,0 mm (.157)

Maximum Stroke: 5,0 mm (.197)

Spring Force at Work. Stroke: 0,5 N (1.8oz)

Alternative: 0,8 N (2.9oz)

**Electrical Data**

Current Rating: 2-3 A

R<sub>i</sub> typical: < 20 mΩ

**Operating Temperature**

Standard: -40° up to +80° C

**Mounting Hole Size**

in CEM 1: Ø 1,00 - 1,02 mm (.0394 - .0401)

in FR 4: Ø 1,01 - 1,03 mm (.0398 - .0405)

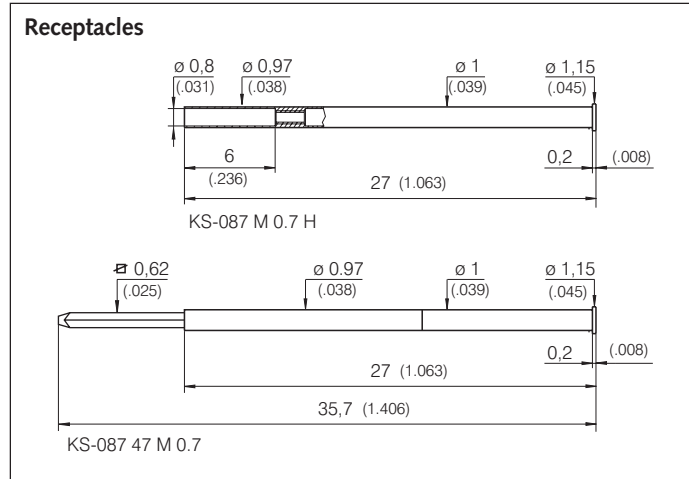
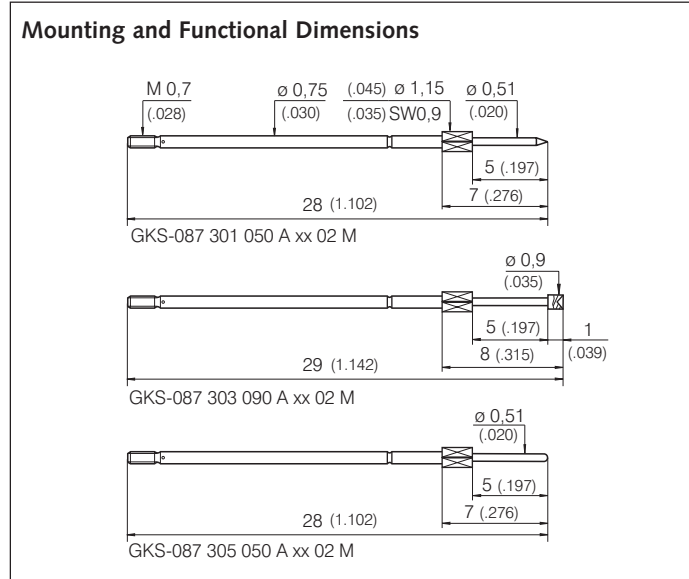
**Materials**

Plunger: BeCu, gold-plated

Barrel: Brass, gold-plated

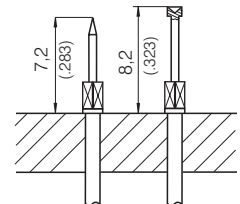
Spring: Steel, gold-plated

Receptacle: Brass, gold-plated



**Collar Height and Installation Height**

The Installation Height of the Tip (Dimension with Receptacle) is determined by the Collar Height and the Tip Style. The Collar Height of the series GKS-087 is always 02.



GKS-087 ... M GKS-087 303 ... M  
(with KS-087...)

**Note to GKS - 087 M and KS - 087 ... M**  
 GKS-087 ... M will be screwed into KS-087 ... M using special tools > see page 103.  
 Recommended Screw-in Torque: Maximum 1 Ncm

| Collar Height | Tip Style | Diameter    | Installation Height |
|---------------|-----------|-------------|---------------------|
| 02 M          | 01        | 0,50 (.020) | 7,2 mm (.283)       |
| 02 M          | 03        | 0,90 (.035) | 8,2 mm (.323)       |
| 02 M          | 05        | 0,50 (.020) | 7,2 mm (.283)       |

**Ordering Example:**

| Series | Tip Material<br>3 = BeCu | Tip Style | Tip Diameter<br>(1/100 mm) | Plating<br>A = Gold | Spring Force<br>(dN) | Collar Height<br>(mm) | Special Designation |
|--------|--------------------------|-----------|----------------------------|---------------------|----------------------|-----------------------|---------------------|
|--------|--------------------------|-----------|----------------------------|---------------------|----------------------|-----------------------|---------------------|

Test Probe:

G K S 0 8 7 3 0 5 0 5 0 A 0 5 0 2 M

Receptacles:

K S - 0 8 7 M 0,7 H    K S - 0 8 7 4 7 M 0,7