

GKS 005

ICT-/FCT Test Probe

Grid:

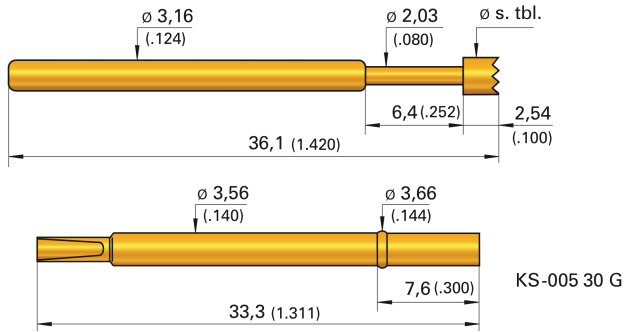
≥ 4,75 mm

≥ 187 Mil

Installation height with KS: 16,5 mm (.650)/variable

Recommended stroke: 4,4 mm (.173)

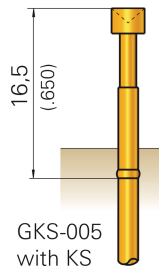
Mounting and functional dimensions



Available tip styles				
Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
2 01		A	∅ 2.03 (.080)	
2 03		A	∅ 3.96 (.156)	
2 06		A	∅ 3.96 (.156)	

Collar height and installation height

To adjust the installation height, receptacles with a press-ring (end designation "G") are used. The installation height can be adjusted by assembling the collar lower in the mounting hole.



Mechanical data

Working stroke: 4,4 mm (.173)

Maximum stroke: 6,35 mm (.250)

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

Alternative: 3,0 N (10,8oz); 5,0 N (18.1oz)

Materials

Plunger: Steel, gold-plated

Barrel: Nickel-silver or Bronze, gold-plated

Spring: Steel, gold-plated

Receptacle: Nickel-silver, gold-plated

Electrical data

Current rating: 6 - 8 A

R_i typical: < 20 mΩ

Mounting hole size

With collar or press-ring as a collar-stop in CEM1 and FR4: ∅ 3,53 - 3,54 mm (.1378 - .1399)

When pressing the press-ring into the Mounting hole in CEM1 and FR4: ∅ 3,58 - 3,63 mm (.1409 - .1429)

Operating temperature

Standard: -40° up to +80° C

Ordering example

Series	Tip material 2 = Steel	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)
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Test probe:

G K S 0 0 5 2 0 6 3 9 6 A 3 0 0 0

Receptacle with press-ring:

K S - 0 0 5 3 0 G