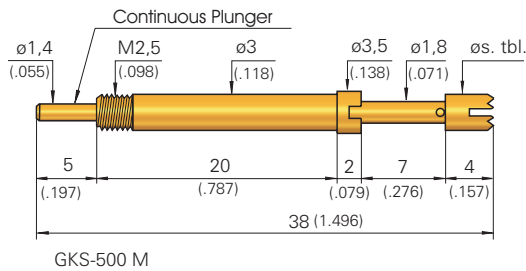


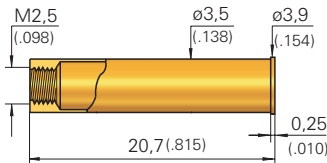
Grid:
 ≥ 4,50 mm
 ≥ 177 Mil

Installation Height: 13,0 mm (.512)
Recommended Stroke: 5,6 mm (.220)

Mounting and Functional Dimensions



GKS-500 M



KS-500 M2,5

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
3 06		A	∅ 3,00 (.118)	
3 06		A	∅ 4,00 (.157)	

Collar Height and Installation Height

The Installation Height of the Tip is always 13,0 mm (.512). The Test Probe can only be used with a Receptacle.

Collar Height	Installation Height
02	13,0 mm (.512)

Mechanical Data

Working Stroke: 5,6 mm (.220)
Maximum Stroke: 7,0 mm (.276)
Spring Force at Work. Stroke: 1,5 N (5.4oz)
alternative: 3,0 N (10.8oz); 5,0 N (18.1oz)

Materials

Plunger: BeCu, gold-plated
Barrel: Brass, gold-plated
Spring: Steel, gold-plated
Receptacle: Brass, gold-plated

Electrical Data

Current Rating
Connection to Plunger: 12 - 15 A
Connection to KS: 5 - 8 A
R_i typical:
Connection to Plunger: < 10 mΩ
Connection to KS: < 30 mΩ

Mounting Hole Size

in CEM 1 and FR 4: ∅ 3,49 mm (.1374)

Note:

GKS-500 M are screwed into KS-500 M 2,5 using special tools (see page 170/171)

Recommended Screw-in Torque:
 Min.: 10 Ncm / Max.: 20 Ncm

Ordering Example

Series	Tip Material 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)	Type
--------	--------------------------	-----------	----------------------------	---------------------	----------------------	-----------------------	------

Test Probe:

G K S 5 0 0 3 0 6 3 0 0 A 1 5 0 2 M

Receptacle:

K S - 5 0 0 M 2,5