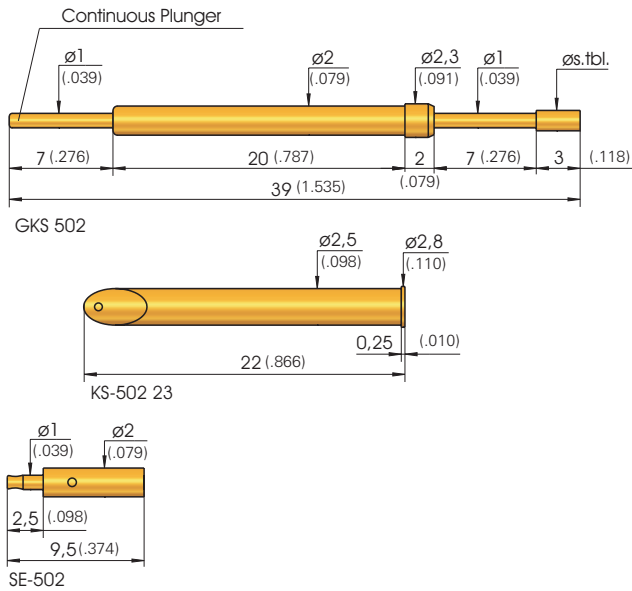


Grid:
 ≥ 2,54 mm
 ≥ 100 Mil

Installation Height: 12,0 resp. 13,0 mm (.472/ .512)
 Recommended Stroke: 5,6 mm (.220)

Mounting and Functional Dimensions



Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ϕ	ϕ (inch)
3 02		A		
3 03		A		
3 04		A		
2 33 ***		R		
3 53 **		A		
3 56 **		A	2,50 R	(.098)

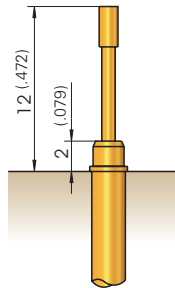
** Tip Length 4 mm (.157)
 *** Tip Length 4 mm (.157), Special Designation "L"

Metric Stand.

Collar Height and Installation Height

The Installation Height of the Tip (Dimension without Receptacle) is defined by the Collar Height.

Collar Height	Tip Style	Install. Height (without KS)
02	04 / 03 / 02	12,0 mm (.472)
02	56 / 53 / 33	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: 0,8 N (2.9oz); 3,5 N (12.5oz); 5,0 N (18.1oz)

Electrical Data

Current Rating, Conn. to Plunger: 12-15 A
Current Rating, Connection to KS: 5 - 8 A
R_j typical, Connection to Plunger: < 10 m Ω
R_j typical, Connection to KS: < 30 m Ω (* > 100 m Ω)

Materials

Plunger: BeCu or Steel
 gold- or rhodium-plated
Barrel: Brass, gold-plated
Spring: Steel, gold-plated or Stainless Steel*
Receptacle: Brass, gold-plated

Mounting Hole Size

in CEM 1 and FR 4:
with Receptacle: ϕ 2,48 - 2,49 mm (.0976 - .0980)
without Receptacle: ϕ 2,00 mm (.0787)

Note:

The Receptacle can be used from Grid 3,50 mm (140 Mil) up.

Tools:

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

Operating Temperature

Standard: -40° up to +80° C
***with 5,0 N-Spring:** -100° up to +200° C

Ordering Example

	Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold R = Rhodium	Spring Force (dN)	Collar Height (mm)	Special Designation „L“
Test Probe:	G K S	5	0 2	3	0 2	1 4 0	A	1 5
Receptacle:	K S	5	0 2	2 3				
Plug:	S E	5	0 2					(for plugging onto the end of the Plunger)