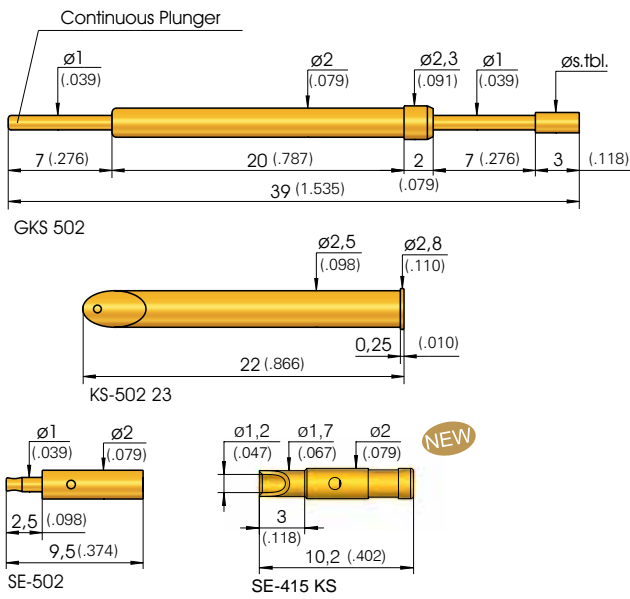


Grid:
 ≥ 2,54 mm
 ≥ 100 Mil

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

Mounting and Functional Dimensions



Available Tip Styles

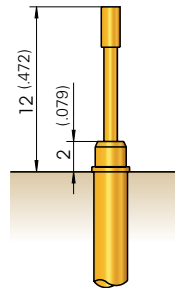
Material	Tip Style	Plating	Further Versions	
			Ø	Ø (inch)
3 02		A	Ø 1,40 (.055)	
3 03		A	Ø 1,80 (.071)	
3 04		A	Ø 1,40 (.055)	
2 33 ***		R	Ø 2,50 (.098)	
3 53 **		A	Ø 2,50 (.098)	
3 56 **		A	Ø 2,50 (.098)	2,50 R (.098)

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

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_i typical, Connection to Plunger: < 10 mΩ
R_i typical, Connection to KS: < 30 mΩ (* < 100 mΩ)

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: Ø 2,48 - 2,49 mm (.0976 - .0980)
without Receptacle: Ø 2,00 mm (.0787)

Note:

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

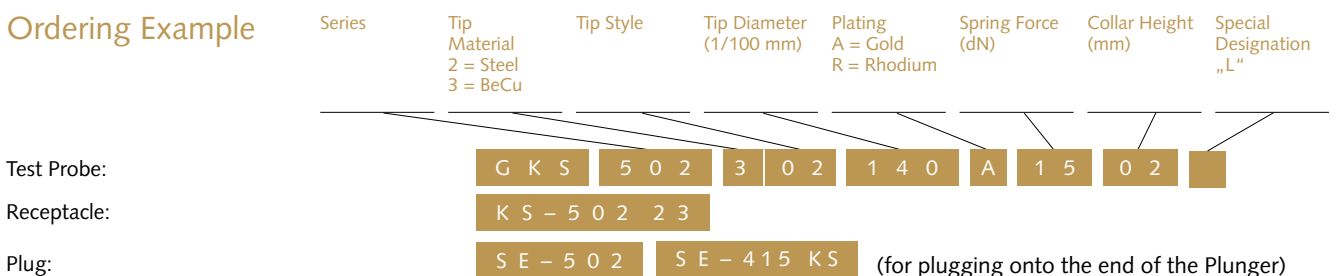
Tools:

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



e-type® Probes
 ICT / FCT
 Bead Probes
 Fine Pitch
 Metric Stand.
 Solderable
 Short-stroke
 Flying Probes
 DKS
 SKS
 PK5 / PSK
 RF / Dipole Test Probes
 HSS
 Fixture customizing
 Tools
 Cable Test Probes