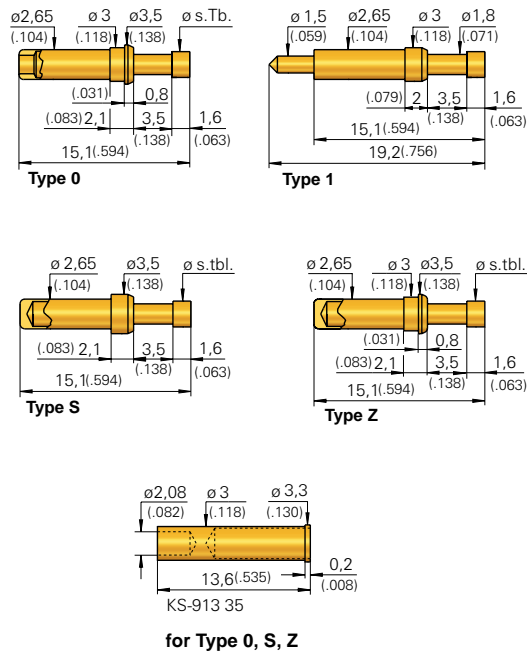


Grid:
 ≥ 4,00 mm
 ≥ 160 Mil

Installation Height: 7,2 / 8,7 mm (.283/ .343)
 Recommended Stroke: 2,8 mm (.110)

Mounting and Functional Dimensions

GKS-913



Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ϕ	ϕ (inch)
1 02		A	3,50	(.138)
3 03		A		
3 05		A		
3 06*		A		
3 06		A	3,50 R 2,30 R	(.138) (.091)
3 08		R		
3 58**		R		

Tip Length: 3,4 mm (.134)

Collar Height and Installation Height

The Installation Height of the Tip is defined by the Collar Height.

Collar Height	Tip Style	Install. Height (without KS) in mm	max. Stroke mm
02	02/05/06/08	7,2 (.283)	3,5 (.138)
02	06 180*	7,2 (.283)	3,2 (.126)
02	58**	8,7 (.343)	3,3 (.130)

Mechanical Data

Working Stroke: 2,8 mm (.110)
Maximum Stroke: see table on the right
Spring Force at Work. Stroke: 1,5 N (5.4oz)
alternative: 0,8 N (2.9oz); 2,5 N (9.0oz)

Materials

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

Electrical Data

Current Rating: 5 - 8 A (24 A****)
R_i typical: < 20 m Ω (**** < 100 m Ω)

Mounting Hole Size

in Materials CEM 1 and FR 4:
with Receptacle: ϕ 2,98 - 2,99 mm (.1173 - .1177)
without Receptacle: ϕ 2,65 mm (.1043)

Operating Temperature

Standard: -40° up to +80° C
***** with Spec. Designation "C":** -100° up to +200° C (1,5 N)

Note:

Typ	Version
0	End of Probe Barrel open
1	End of Probe Barrel with solder terminal
S	End of Probe Barrel closed; can be soldered into PCB
Z	End of Probe Barrel closed; can be soldered into PCB

Warning: Soldering the Probes demands great care. High temperatures must not reach the inside of the barrel, because this could destroy the spring.

The Receptacle KS-913 35 can only be combined with the Probe Types 0, S and Z.

**** For applications up to 24 A: HSS-520 (see Page 106).

Screw-in Versions see Page 142.

Tools:

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

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height (mm)	Type
	1 = Brass 3 = BeCu			A = Gold			1, 0, S, Z, 1C, 0C, SC, ZC

Test Probe:

G K S 9 1 3 3 0 8 2 3 0 R 1 5 0 2 0

Receptacles:

K S - 9 1 3 3 5