

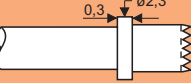





Short-stroke Test Probe: can be soldered in
 Installation Height: 7,2 / 8,7 mm (.283/.348)
 Recommended Stroke: 2,8 mm (.110)

Grid:
 ≥ 4,00 mm
 ≥ 160 Mil

GKS 913 / M

Available Tip Styles					
Material	Tip Style	Standard Plating	Special Versions		
			Ø	Ø(inch)	
1	02 	A	3,50	(138)	
3	05 	A			
3	06* 	A			
3	06 	R	3,50	(138)	
3	08 	R			
3	58**  Tip Length: 3,4 mm (.134)	R			

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)	maximum Stroke
02	02/05/06/08	7,2 mm (.283)	3,5 mm (.138)
02	06 180 *	7,2 mm (.283)	3,2 mm (.126)
02	58**	8,7 mm (.343)	3,3 mm (.130)

Tools:

Insertion and Extraction Tools for GKS and KS > see Page 80.
 GKS-913 M will be screwed into KS-913 35 M using special tools > see Page 103.

The Receptacle KS-913 35 M can only be combined with the Probe Type M.

Recommended Screw-in Torque: Maximum 20 Ncm.

Note:

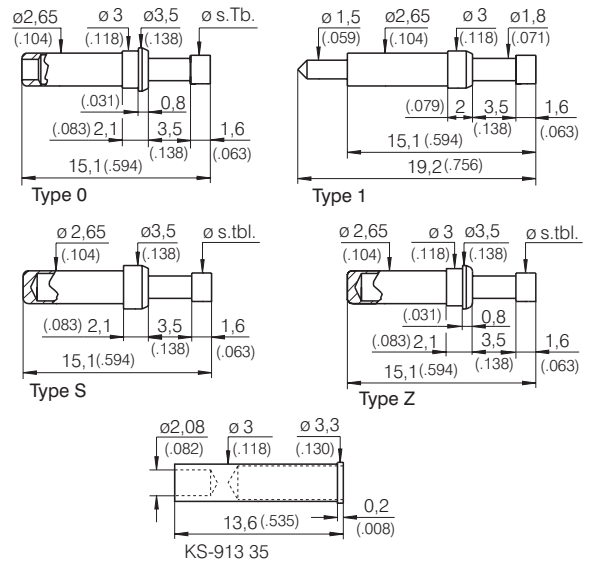
Type	Version
0	End of Probe Barrel open
1	End of Probe Barrel with solder terminal
M	End of Probe Barrel with thread M2 for KS-913 35 M
S	End of Probe Barrel closed; can be soldered into PCB
Z	End of Probe Barrel closed; can be soldered into PCB

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

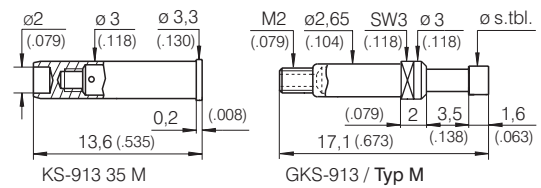
The Receptacle KS-913 35 can only be combined with the Probe Types 0, S and Z.

Mounting and Functional Dimensions

GKS - 913



GKS - 913 ... M



Mechanical Data

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

Electrical Data

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

Operating Temperature

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

Mounting Hole Size

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

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

*** For applications up to 24 A:

HSS-520 306 230 A 1502 1 / 0 / S / M / Z
 Dimensions like GKS-913

Ordering Example:

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

Test Probe:

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

Receptacles:

K S - 9 1 3 3 5 K S - 9 1 3 3 5 M

All specifications are subject to change without prior notification