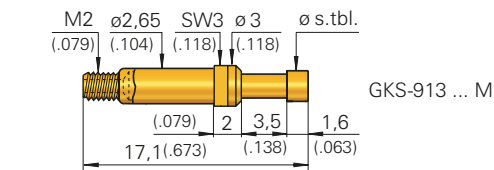


Grid:
 $\geq 4,00 \text{ mm}$
 $\geq 160 \text{ Mil}$

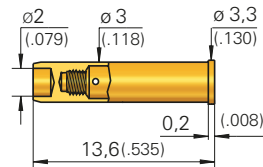
Installation height: 7,3 / 8,9 mm (.287 / .350)

Recommended stroke: 2,8 mm (.110)

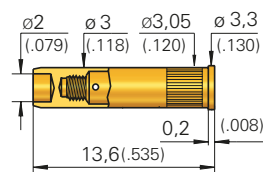
Mounting and functional dimensions



GKS-913 ... M



KS-913 35 M



KS-913 35 M-R

Available tip styles

Material	Tip style	Plating	Further versions	
			Ø	Ø (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		

* see table collar height and installation height

** see table collar height and installation height

Collar height and installation height

The installation height of the tip is determined by the collar height.

Collar height	Tip style	Install. height without KS	max. stroke
02	02/05/06/08	7,1 mm (.280)	3,5 mm (.138)
02	06 180*	7,1 mm (.280)	3,2 mm (.126)
02	58**	8,7 mm (.343)	3,3 mm (.130)

Mechanical data

Working stroke: 2,8 mm (.110)

Maximum stroke: see table

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

For applications up to 30 A:
see HSS-520 (M) shown on page 87

Recommended screw-in torque:
Min.: 5 cNm / Max.: 10 cNm

Electrical data

Current rating: 5 - 8 A

R_i typical: < 20 mΩ (*** < 100 mΩ)

*** Spring force < 1,5 N not recommended for high-current applications

Mounting hole size

in CEM1 and FR4:

with KS-913 35 M: Ø 2,98 - 2,99 mm (.1173 - .1177)

for KS-913 35 M- R in CEM1 and FR4:

Ø 3,00 - 3,02 mm (.1181 - .1189)

Operating temperature

Standard: -40° up to +80° C

*** with spec. design. "C":
-100° up to +200° C (1,5 N)

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 R = Rhodium			M, MC
Test probe:	G K S	9 1 3	3	0 8	2 3 0	R 1 5	0 2 M
Receptacle:	K S - 9 1 3 3 5 M	K S - 9 1 3 3 5 M - R					