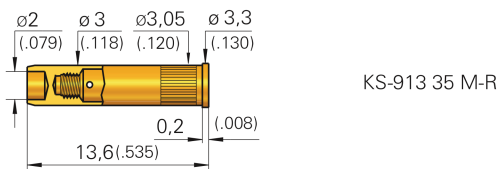
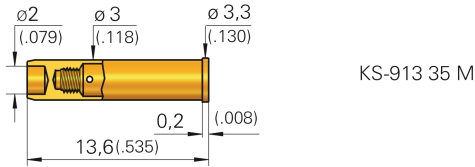
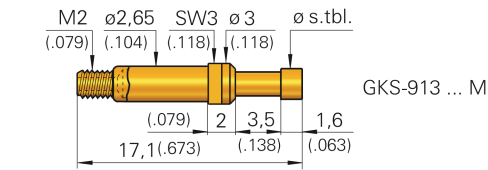


Grid:
 ≥ 4,00 mm
 ≥ 160 Mil

Installation height: 7,3 / 8,9 mm (.287 / .350)
Recommended stroke: 2,8 mm (.110)

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (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)

* 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)

Electrical data

Current rating: 5 - 8 A
R_i typical: < 20 mΩ (***)
 *** Spring force < 1,5 N not recommended for high-current applications

Operating temperature

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

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

Mounting hole size

in CEM1 and FR4:
with KS-913 35 M: ∅ 2,98 - 2,99 mm (.1173 - .1177)
for KS-913 35 M- R in CEM1 and FR4: ∅ 3,00 - 3,02 mm (.1181 - .1189)

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

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

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