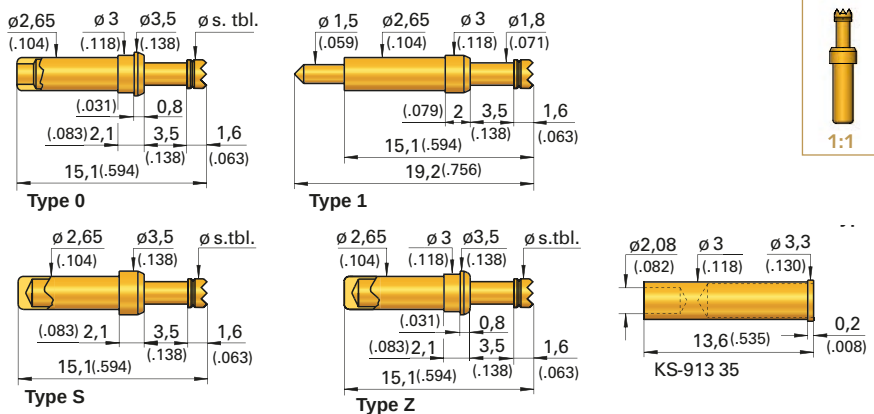


Grid:
≥ 4,0 mm
≥ 160 Mil

Installation height with KS: 7,4 mm (.291)
Recommended stroke: 2,8 mm (.110)

Mounting and functional dimensions

HSS-520



Available tip styles

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
3	06		Ø 2,30 (.091)	A
			3,50	(.138)

Note:

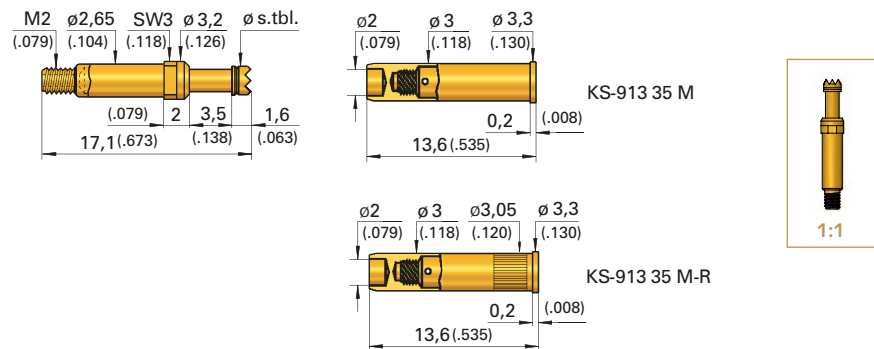
Tip Version

- 0 End of Probe Barrel open; with reduced collar Ø 3 mm
- 1 End of Probe Barrel with solder terminal
- M End of Probe Barrel with thread M2 for KS-913 35 M (-R)
- S End of Probe Barrel closed; can be soldered into PCB
- Z End of Probe Barrel closed; can be soldered into PCB; with reduced collar Ø 3 mm

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

HSS-520 ... M



Compatible GKS

GKS-913 (plug-in version)
GKS 913 M (screw-in version)

Materials

Plunger: BeCu, gold-plated
Barrel: Brass, gold-plated
Spring: Stainless steel, gold-plated
Receptacle: Brass, gold-plated

Operating temperature

Standard: -100° up to +200° C

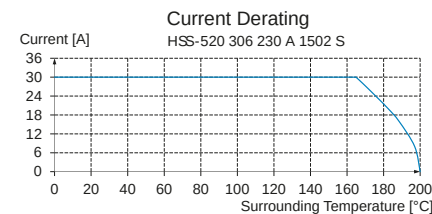
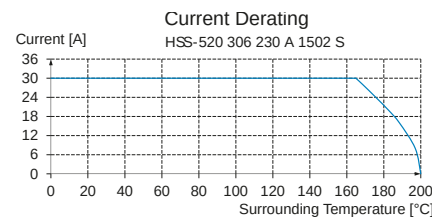
Mounting hole size

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

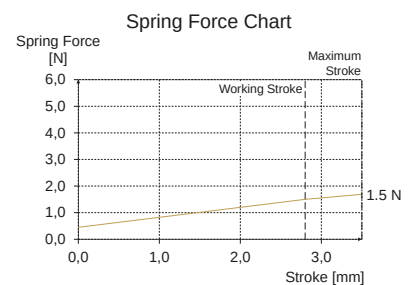
Electrical data

Current rating (at room temp.): max. 30 A
R_i typical: < 20 mΩ



Mechanical data

Working stroke: 2,8 mm (.110)
Maximum stroke: 3,5 mm (.138)
Spring force at work. stroke: 1,5 N (5.4oz)



Ordering example

Series Tip material Tip style Tip diameter (1/100 mm) Plating A = Gold Spring force (dN) Collar height (mm) Type 1, 0, S, M, Z

Test probe:

H S S 5 2 0 3 0 6 2 3 0 A 1 5 0 2 M

Receptacles:

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