

HSS 552 M

High Current Probe up to 50 A
Short-stroke Test Probes to Screw-in

Grid:

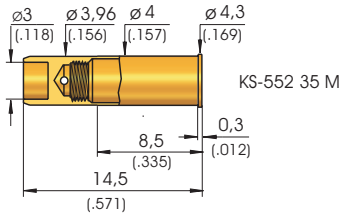
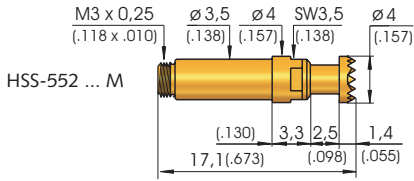
≥ 5,08 mm

≥ 200 Mil

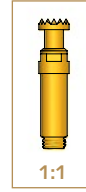
Installation height with KS: 7,5 mm (.295)

Recommended stroke: 2,0 mm (.079)

Mounting and functional dimensions



Available tip styles



Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
3 02		A	∅ 4,00 (.157)	
3 06		A	∅ 4,00 (.157)	

Materials

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

Operating temperature

Standard: -100° up to +200° C

Mounting hole size

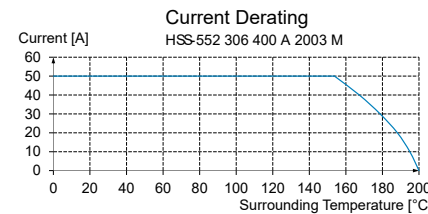
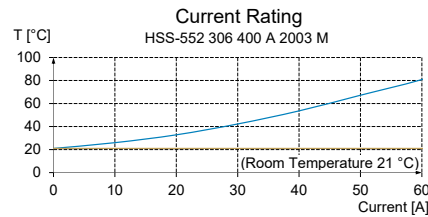
for KS-552 35 M
in CEM1 and FR4: ∅ 3,99 mm (.1571)
for KS-150 30 M3-R
in CEM1 and FR4: ∅ 4,00 - 4,02 mm (.1575 - .1583)

Recommended screw-in torque

Min. 10 cNm / Max. 20 cNm

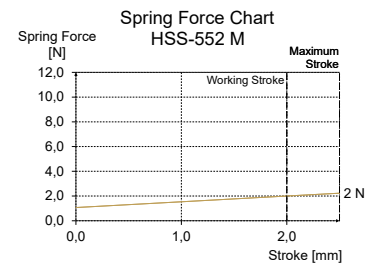
Electrical data

Current rating (at room temp.): max. 50 A
R_i typical: < 10 mΩ



Mechanical data

Working stroke: 2,0 mm (.079)
Maximum stroke: 2,5 mm (.098)
Spring force at work. stroke: 2,0 N (7.2oz)



Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Type
	3 = BeCu			A = Gold			M
Test probe:	H S S	5 5 2	3 0 6	4 0 0	A	2 0	0 3 M
Receptacle:	K S - 5 5 2 3 5 M						