

HSS 150

High Current Probe up to 50 A
Plug-in Test Probe

Grid:

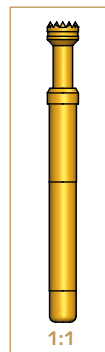
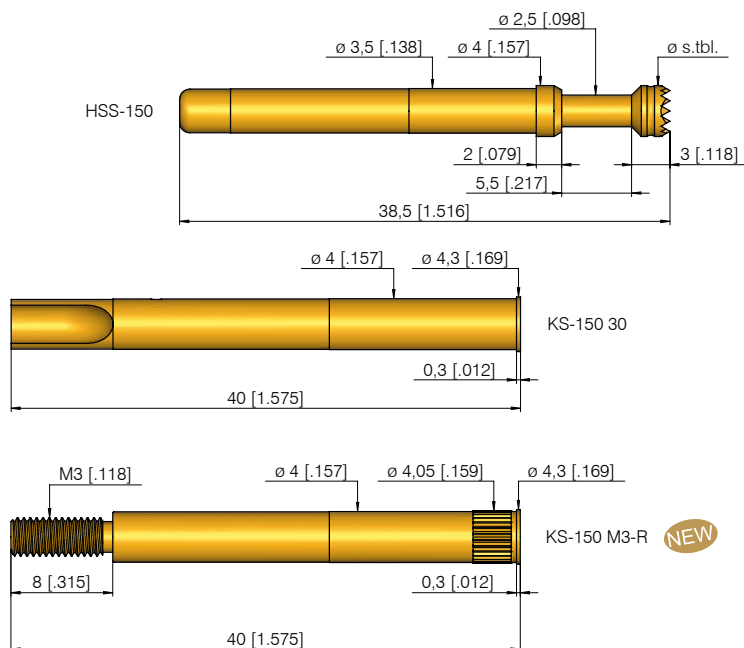
≥ 5,08 mm

≥ 200 Mil

Installation height with KS: 10,8 mm (.425)

Recommended stroke: 4,4 mm (.173)

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			Ø	Ø (inch)
3 02		A	Ø 4,00 (.157)	
3 03		A	Ø 4,00 (.157)	
3 05*		S	Ø 4,00 (.157)	
3 06		A	Ø 4,00 (.157)	3,00 (.118)
3 17		A	Ø 3,00 (.118)	
3 19		A	Ø 4,00 (.157)	

* pressed-in silver stud

Compatible GKS

GKS-854 (assembled in same receptacle)

Materials

Plunger: BeCu, gold-plated or silver stud

Barrel: Brass, silver-plated

Spring: Stainless steel, gold-plated

Receptacle: Brass, gold-plated

Operating temperature

Standard: -100° up to +200° C

Mounting hole size

for KS-150:

in CEM1 and FR4: Ø 3,98 - 3,99 mm (.1567 - .1571)

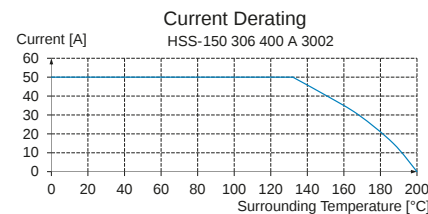
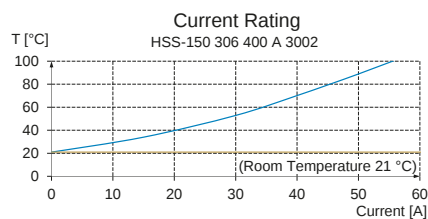
for KS-150 M3-R:

in CEM1 and FR4: Ø 4,00 - 4,02 mm (.1575 - .1583)

Electrical data

Current rating (at room temp.): max. 50 A

R_i typical: < 10 mΩ



Mechanical data

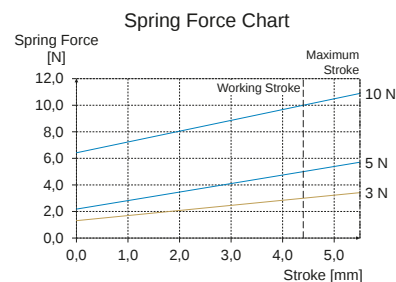
Working stroke: 4,4 mm (.173)

Maximum stroke: 5,5 mm (.217)

Spring force at work. stroke: 3,0 N (10.8oz)

Alternative: 5,0 N (18.1oz);

10 N (36 oz) ("99" in order number)



Ordering example

Series	Tip material 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold S = Silver	Spring force (dN)	Collar height (mm)
Test probe:	HSS	150	306	400	A 30	02
Receptacles:	KS-150	30	KS-150	M3-R		