

# HSS 150

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

## Grid:

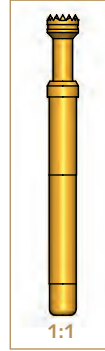
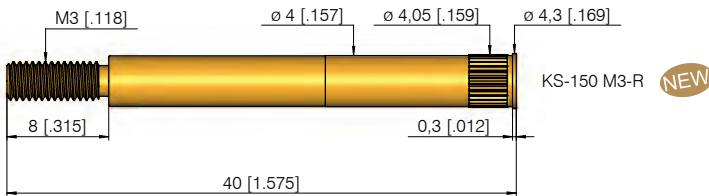
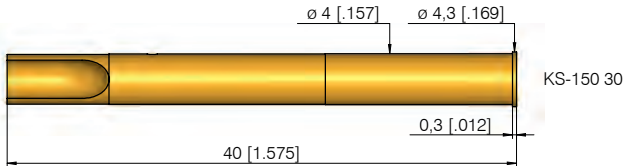
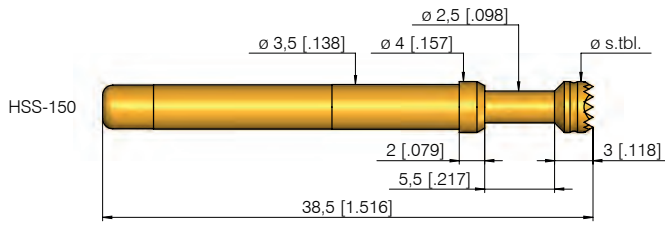
≥ 5,08 mm

≥ 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	
			∅	∅ (inch)
3 02		A	∅ 4,00 (.157)	
3 03		A	∅ 4,00 (.157)	
3 05*		S	∅ 4,00 (.157)	
3 06		A	∅ 4,00 (.157)	3,00 (.118)
3 17		A	∅ 3,00 (.118)	
3 19		A	∅ 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

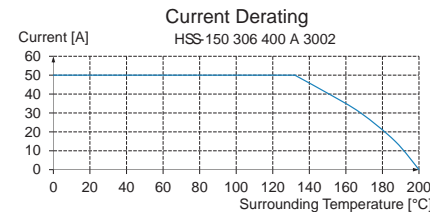
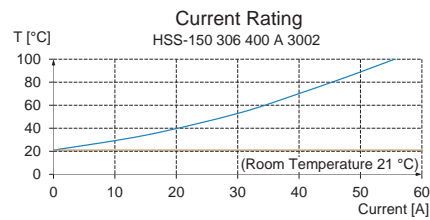
### Mounting hole size

for KS-150:  
in CEM1 and FR4: ∅ 3,98 - 3,99 mm (.1567 - .1571)

for KS-150 M3-R:  
in CEM1 and FR4: ∅ 4,00 - 4,02 mm (.1575 - .1583)

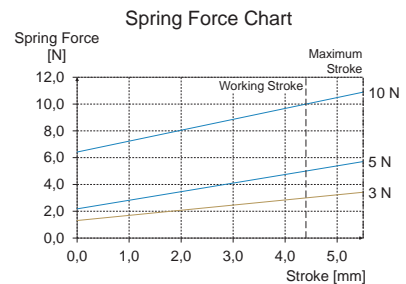
### Electrical data

**Current rating (at room temp.):** max. 50 A  
**R<sub>j</sub> 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

