

HSS 005

High Current Probe up to 40 A
Plug-in Test Probe

Grid:

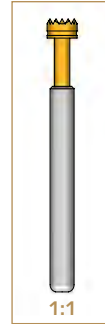
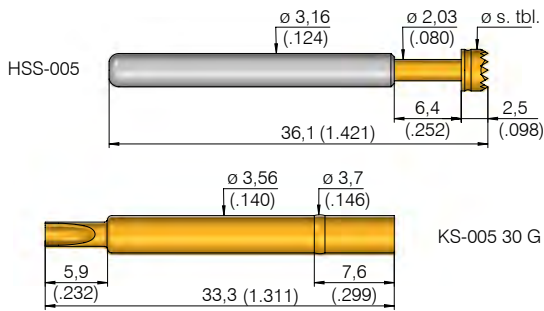
≥ 4,75 mm

≥ 187 Mil

Installation height with KS: 16,5 mm (.650)

Recommended stroke: 4,4 mm (.173)

Mounting and functional dimensions



Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
3 06		A	∅ 3,96 (.160)	
3 13		A	∅ 2,03 (.080)	

Materials

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

Electrical data

Current rating (at room temp.): max. 40 A
R_i typical: < 5 mΩ

Mechanical data

Working stroke: 4,4 mm (.173)
Maximum stroke: 6,35 mm (.250)
Spring force at work. stroke: 3,0 N (10.8oz)
Alternative: 5,0 N (18.1oz)

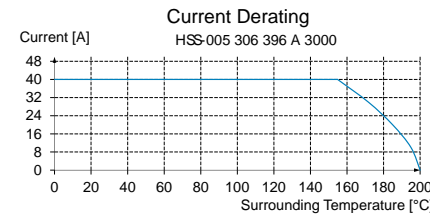
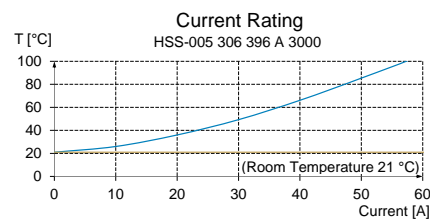
Operating temperature

Standard: -100° up to +200° C

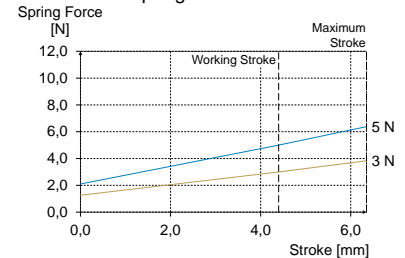
Mounting hole size

With collar or press ring as a collar-stop in CEM1 and FR4: ∅ 3,53 - 3,54 mm (.1378 - .1399)

When pressing the press ring into the mounting hole in CEM1 and FR4: ∅ 3,58 - 3,63 mm (.1409 - .1429)



Spring Force Chart



Ordering example

Series	Tip material 3 = BeCu	Tip style	tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)
HSS	005	3	06	396	A	30
KS-005 30 G						

Test probe:

Receptacle: