

HSS 005

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

Grid:

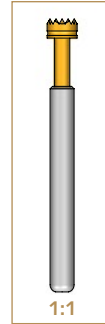
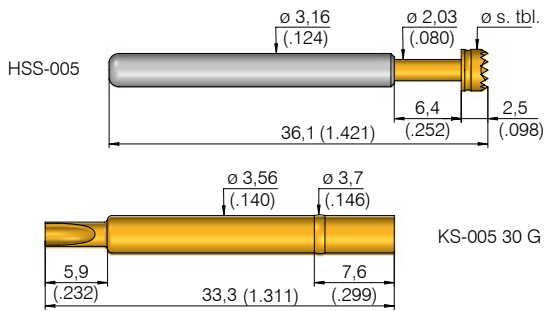
≥ 4,75 mm

≥ 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 | |
|----------|-----------|---------|---------------------------|----------------------|
| | | | \varnothing | \varnothing (inch) |
| 3 06 | | A | \varnothing 3,96 (.160) | |
| 3 13 | | A | \varnothing 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 m Ω

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)

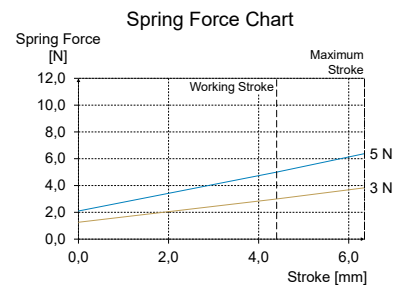
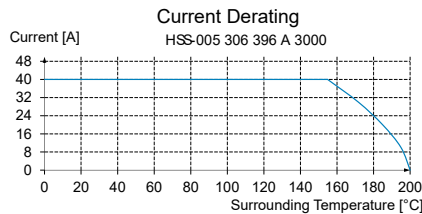
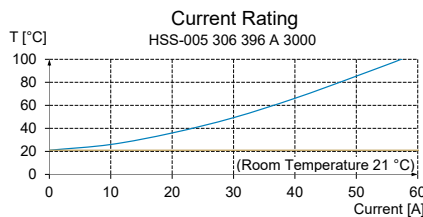
Operating temperature

Standard: -100° up to +200° C

Mounting hole size

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

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



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: