

HSS 621 M

High Current Probe up to 75 A
Plug-in Test Probe

NEW

Grid:

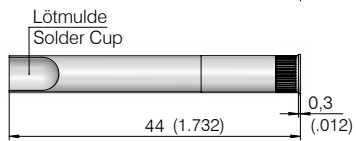
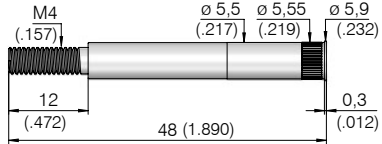
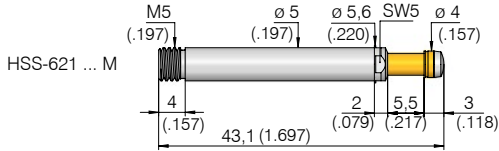
≥ 6,35 mm

≥ 250 Mil

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

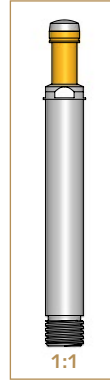
Recommended stroke: 4,4 mm (.173)

Mounting and functional dimensions



KS-621 M4 M5-R

KS-621 30 M5-R



Available tip styles

| Material | Tip style | Plating | Further versions | |
|----------|-----------|---------|------------------|----------|
| | | | Ø | Ø (inch) |
| 3 05* | | S | Ø 4,00 (.157) | |
| 3 06 | | A | Ø 5,00 (.197) | |

* pressed-in silver stud

Materials

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

Operating temperature

Standard: -100° up to +200° C

Mounting hole size

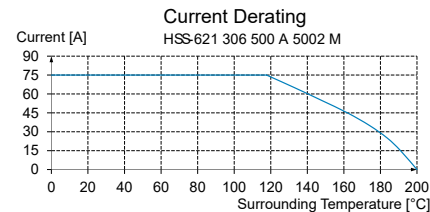
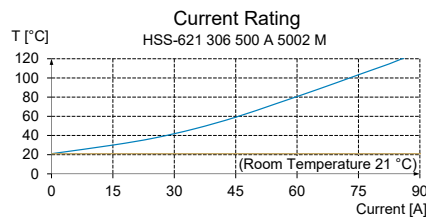
for KS-621 xx M5-R
in CEM1 and FR4: Ø 5,50 - 5,52 mm (.2165 - .2173)

Recommended tightening torque

HSS-621 M in KS-621: 40 cNm
Cable at KS-621: 2 Nm
Solder connection KS-621
for cable with wire cross section: ≤ 10 mm²

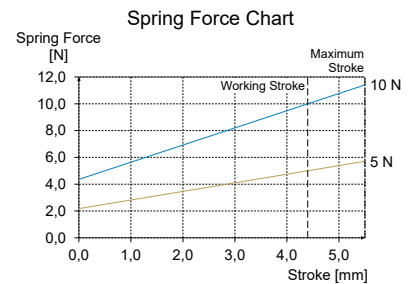
Electrical data

Current rating (at room temp.): max. 75 A
R_j typical: < 5 mΩ



Mechanical data

Working stroke: 4,4 mm (.173)
Maximum stroke: 5,5 mm (.217)
Spring force at work. stroke: 5,0 N (18.1oz)
Alternative: 10,0 N (36oz)



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) | Type |
|----------------|--------------------------|-----------|----------------------------|-----------------------------------|----------------------|-----------------------|------|
| HSS | 621 | 306 | 500 | A | 50 | 02 | M |
| KS-621 M4 M5-R | | | | KS-621 30 M5-R | | | |

Test probe:

Receptacles: