

HSS 621 M

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

NEW

Grid:

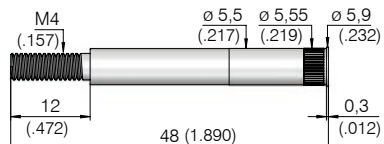
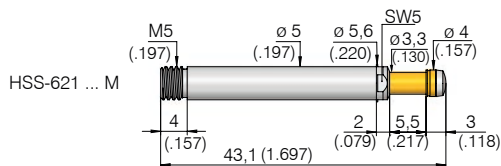
≥ 6,35 mm

≥ 250 Mil

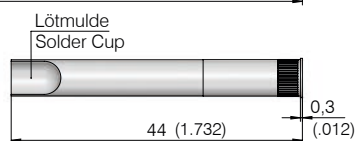
Installation height with KS: 10,8 mm (.425)

Recommended stroke: 4,4 mm (.173)

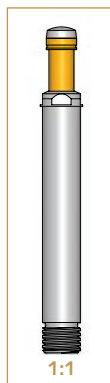
Mounting and functional dimensions



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

Electrical data

Current rating (at room temp.): max. 75 A
R_i 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)

Operating temperature

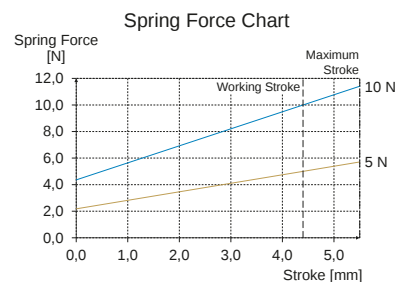
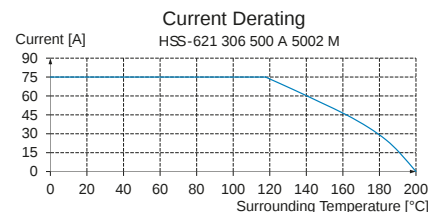
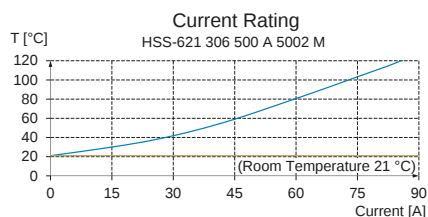
Standard: -100° up to +200° C

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



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
Test probe:	HSS	621	306	A	50	02	M
Receptacles:	KS-621	M4 M5-R	KS-621	30 M5-R			