

HIGH CURRENT PROBES

F349C

High Current Probe 300 mil up to 100 A Coaxial Design

Centers (mm/mil)	7,60 / 300
Current (Circular)	100,0 A
Current (Internal)	4,0 A
R typ (circular/internal)	<4/20 mOhm
Temperature	-40°C...+200°C (H)

Spring Force (cN ±20%)		
	Preload	Nominal
Total	-	1560
Internal Cont.	60	160
Circular Cont.	500	1400

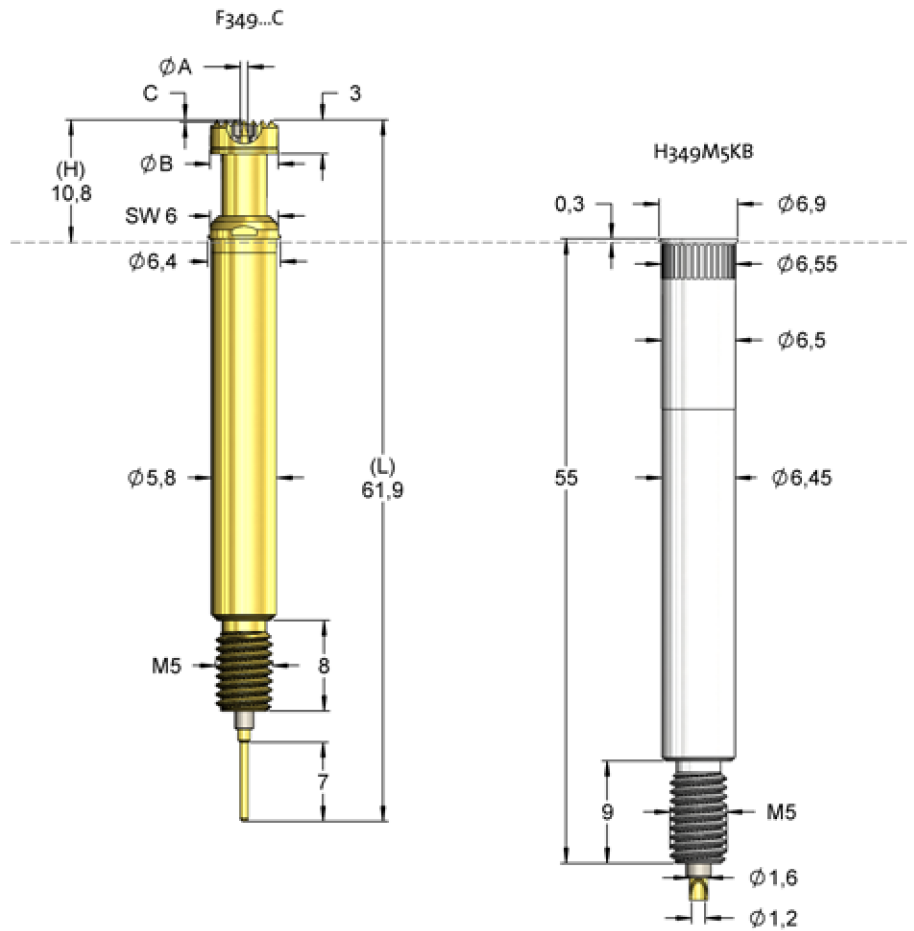
Travel (mm)		
Version	Nominal	Maximum
Internal Cont.	4,3	6,4
Circular Cont.	4,4	5,5
Thread (M)		5,0
Wrench Size		6,0
Pointing Accuracy		-

Materials and Plating	
Internal Cont.	BeCu, gold plated
Circular Cont.	BeCu, gold plated
Barrel	Brass, gold plated
Spring Internal Cont.	Stainless steel, unplated
Spring Circular Cont.	Stainless steel, unplated
Receptacle	Brass, silver plated

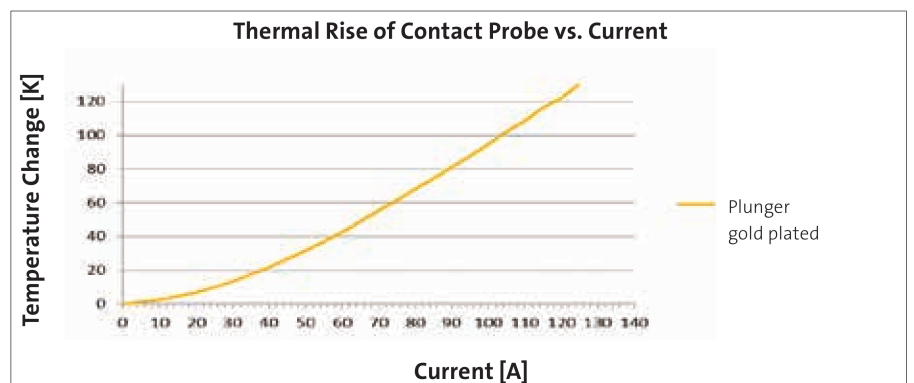
Accessories	
Insertion tool receptacle	FEWZ-348E0
Screw-in tool probe	FWZ348 (T)

Drill Size (mm)	
Receptacle with knurl	6,51 - 6,53

Projection Height (mm)	
H349... with F349C	10,8



The new high current Kelvin probe F349C allows 4-wire measurements with currents up to 100 A even at smaller power components with centers down to 300 mil. The robust design allows applications even at rough production conditions. The F349C is mounted into the receptacle H349M5KB. The circular contact is connected by the M5 thread of the receptacle. It can be mounted with a counternut to a cable eye. The internal contact at the receptacle needs to be soldered.



Order Code	Sense Pin	Tip Style	Ø A	Ø B	C	H	L	Version	Screw-in Tool
F34918B0001G15C		18	0,64	6,00	-0,20	10,5	61,90	C	FWZ348 (T)
F34918B0002G15C		18	0,64	5,00	-0,20	24,0	75,35	C	FWZ348 (T)