



# F349C

## High Current Probe 300 mil up to 100 A Coaxial Design

<b>Centers (mm/mil)</b>	7,60 / 300
<b>Current (Circular)</b>	100,0 A
<b>Current (Internal)</b>	4,0 A
<b>R typ (circular/internal)</b>	<4/20 mOhm
<b>Temperature</b>	-45°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		-

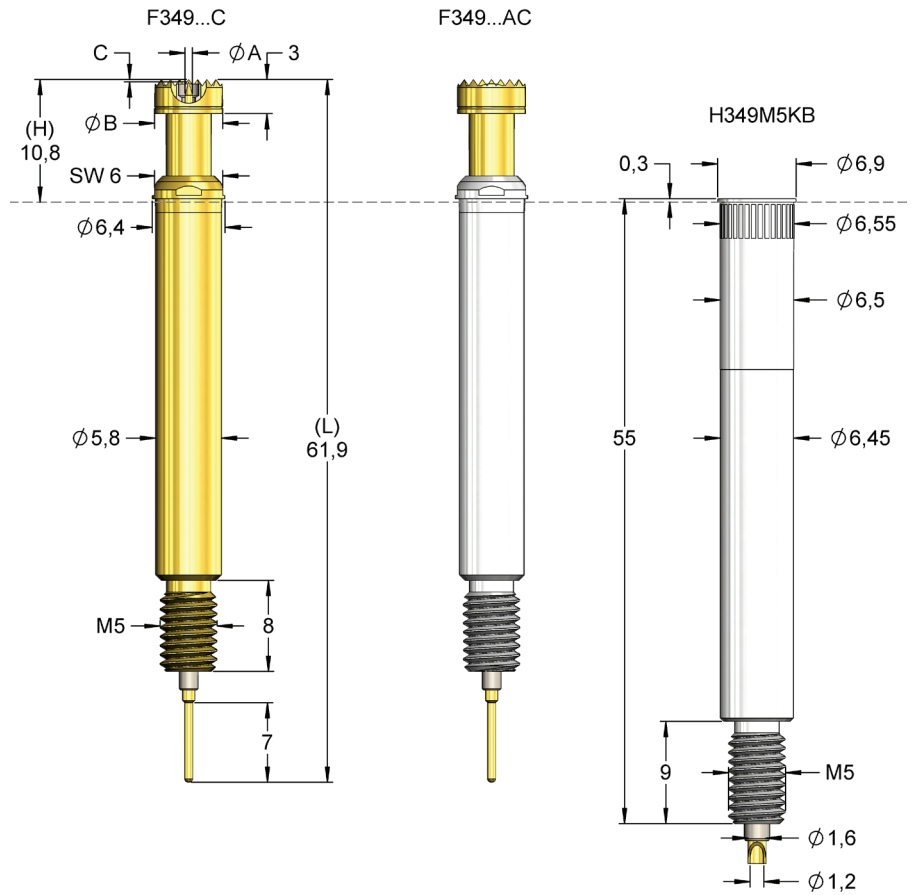
Materials and Plating	
Internal Cont.	BeCu, gold plated
Circular Cont.	BeCu, gold plated
Barrel	Brass, gold plated Brass, silver plated
Spring Internal Cont.	Stainless steel, unplated
Spring Circular Cont.	Stainless steel, unplated
Receptacle	Brass, silver plated

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

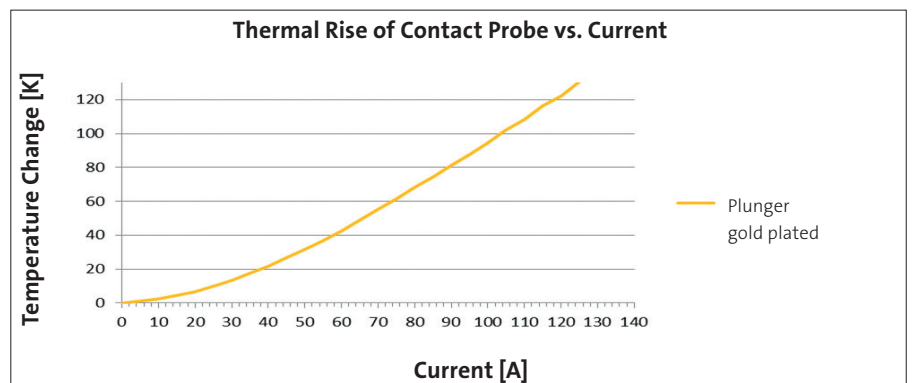
Drill Size (mm)	
Receptacle with knurl	6,51 - 6,53

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

\* With chamfer on plunger head



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	Description	Sense Pin	Tip Style	Ø A	Ø B	C	H	L	Version	Screw-in Tool
1024193	F34918B0001G15C		18	0,64	6,00	-0,20	10,5	61,90	C	FWZ348 (T)
1090823	F34918B0001G15AC		18	0,64	6,00	-0,20	10,5	61,90	AC	FWZ348 (T)
1080377	F34918B0002G15C		18	0,64	5,00	-0,20	24,0	75,35	C	FWZ348 (T)
1030724 *	F34918B0003G15C		18	0,64	5,00	-0,20	24,0	75,35	C	FWZ348 (T)