

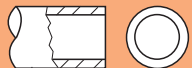



Available Tip Styles Inner Conductor

Material	Tip Style	Standard Plating	Special Versions	
			Ø	Øinch
3	51 	A	Ø 0,50 (.020)	
3	54 	A	Ø 0,50 (.020)	

Available Tip Styles Outer Plunger

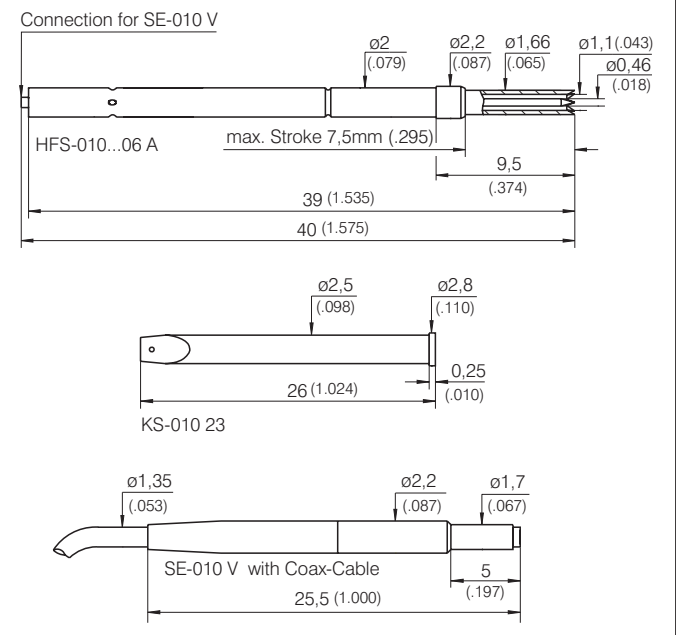
02	
06	

Note:

The Inner Conductor has a fixed connection with the Probe and therefore cannot be changed.

The spring-loaded Outer Plunger of the HFS-010 is also available with a shorter assembly-length on request.

Mounting and Functional Dimensions



Mechanical Data

Working Stroke: 5,5 mm (.217)
 Maximum Stroke: 7,5 mm (.295)
 Spring Force at Working Stroke
 - Outer Conductor: 1,2 N (4.3 oz)
 - Inner Conductor: 0,8 N (2.9 oz)
 Operating Temperature: -40 up to +80 °C

Electrical Data

Frequency Range: up to 200 MHz
 Current Rating: 3 A
 R_i typical: 20 mΩ
 Impedance - Test Probe: 25-30 Ω/200 MHz
 Impedance - Cable: 50 Ω/200 MHz
 90 pF/m

Mounting Hole Size

with Receptacle: Ø 2,48 - 2,49 mm (.0976 - .0980)
 without Receptacle: Ø 2,00 mm (.0787)

Materials

Plunger: BeCu, gold-plated
 Barrel: Brass, gold-plated
 Spring: Steel, gold-plated
 Insulation: Delrin
 Receptacle: Brass

Ordering Example:

Series	Tip Material 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Outer-Plunger (alternative 06)	Type
HFS	0	10	3	51	050	A	20
SE	0	10	V				A
KS	0	10	23				

Test Probe:

Plug with RF-Coaxial Cable pre-wired

Length 0,75 m (29.53) - Special Length on request:

Receptacle: