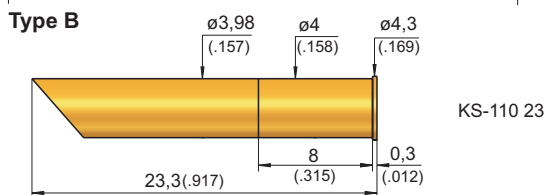
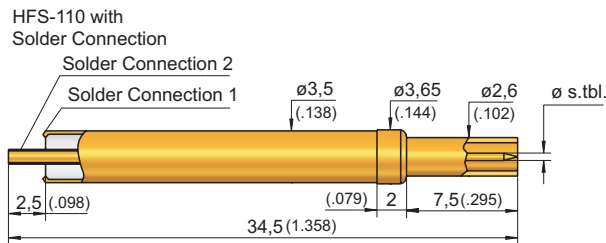
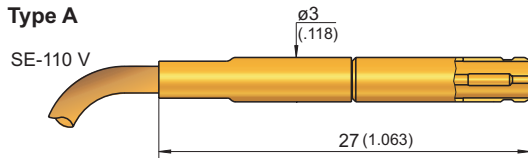
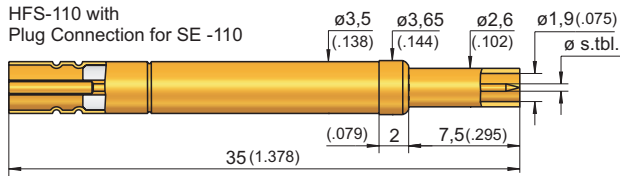


**Grid:**  
 ≥ 4,50 mm  
 ≥ 177 Mil

**Installation Height:** 9,5 mm (.374)  
**Recommended Stroke:** 4,0 mm (.157)

## Mounting and Functional Dimensions



## Available Tip Styles Inner Conductor

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
3	01	A	∅ 0,50 (.020)	
3	02	A	∅ 0,50 (.020)	
3	03	A	∅ 1,15 (.045)	
3	04	A	∅ 1,15 (.045)	
3	05	A	∅ 1,15 (.045)	
3	06	A	∅ 1,15 (.045)	
3	08	A	∅ 1,15 (.045)	

## Available Tip Styles Outer Plunger

02	
06	

### Mechanical Data

**Working Stroke:** 4,0 mm (.157)  
**Maximum Stroke:** 5,0 mm (.197)  
**Spring Force at Working Stroke**  
 - Outer Conductor: 3,0 N (10.8oz)  
 - Inner Conductor: 1,5 N (5.4oz)

### Materials

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

### Electrical Data

**Frequency Range:** up to 700 MHz  
**Current Rating:** 2 - 3 A  
**R<sub>i</sub> typical:** < 20 mΩ  
**Impedance Test Probe:** 50 - 60 Ω  
 700 MHz  
**Impedance Cable:** 50 Ω/200 MHz  
 96 pf/m

### Mounting Hole Size

**with Receptacle:** ∅ 3,98 - 3,99 mm  
 (.1567 - .1571)  
**without Receptacle:** ∅ 3,50 mm (.1378)

### Operating Temperature

**Standard:** -40 up to +80 °C

### Note:

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

## Ordering Example

Series	Tip Material 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN) Outer Conductor	Outer Plunger (alternative 06)	Type (alternativ B)
HFS	3	04	115	A	30	02	A
SE - 110 V Cable Type: RG 178 B/U							
KS - 110 23							

Test Probe:

Plug with RF-Coaxial Cable pre-wired,  
 Length 0,75 m (Special Length on request):

Receptacle: