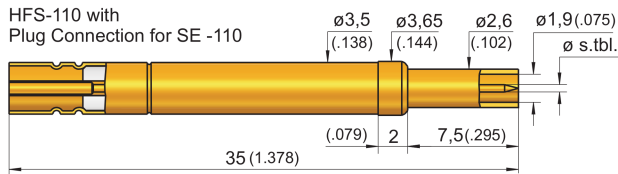


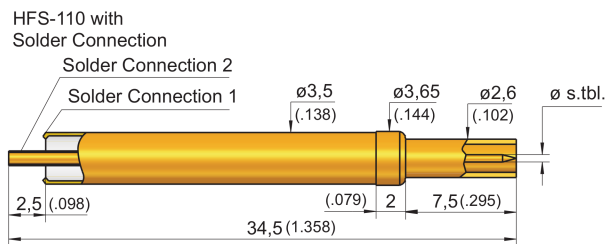
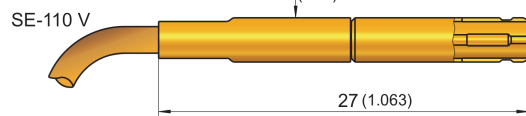
Grid:
 ≥ 4,50 mm
 ≥ 177 Mil

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

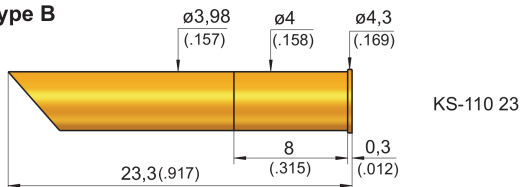
Mounting and Functional Dimensions



Type A



Type B



Available Tip Styles

Inner Conductor

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
3 01		A		
3 02		A		
3 03		A		
3 04		A		
3 05		A		
3 06		A		
3 08		A		

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_i 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	1	1	0	3	0	4	1
SE	1	1	0	V			
KS	1	1	0	2	3		

Test Probe: HFS 110 304 115 A 30 02 A
 Plug with RF-Coaxial Cable pre-wired, Length 0,75 m (Special Length on request): SE - 110 V Cable Type: RG 178 B/U
 Receptacle: KS - 110 23

Test Probe:

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

Receptacle: