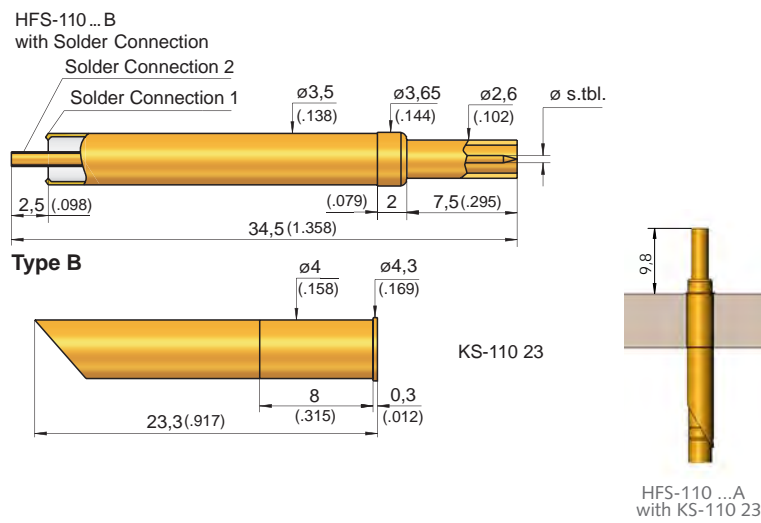
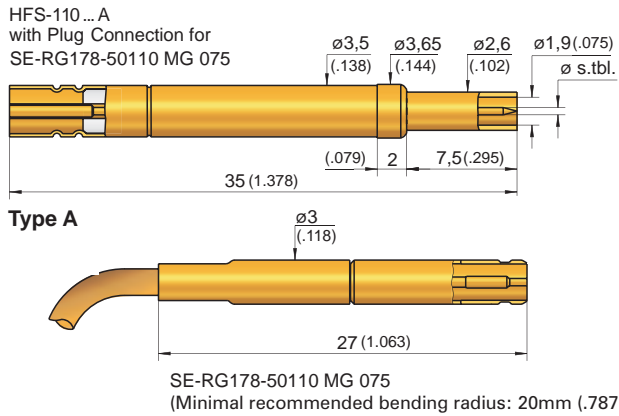


Grid:
 ≥ 4,50 mm
 ≥ 177 Mil

Installation height with KS: 9,8 mm (.386)
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 07		A	∅ 1,00 (.039)	
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

Note:

The inner conductor is fixed in the probe, and therefore cannot be changed.

Electrical data

Frequency range: up to 700 MHz
Current rating: 3 A
R_i typical: < 20 mΩ
Impedance test probe: 50 Ω
Impedance cable: 50 Ω

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

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 "A"-plug con. "B"-solder con.
HFS	110	304	115	A	30	02	A
KS-110 23							
SE-RG178-50110 MG 075							

Test probe:

Receptacle:

Plug for HFS-110 ... A with RF coaxial cable pre-wired, length 0,75 m (custom length on request):