

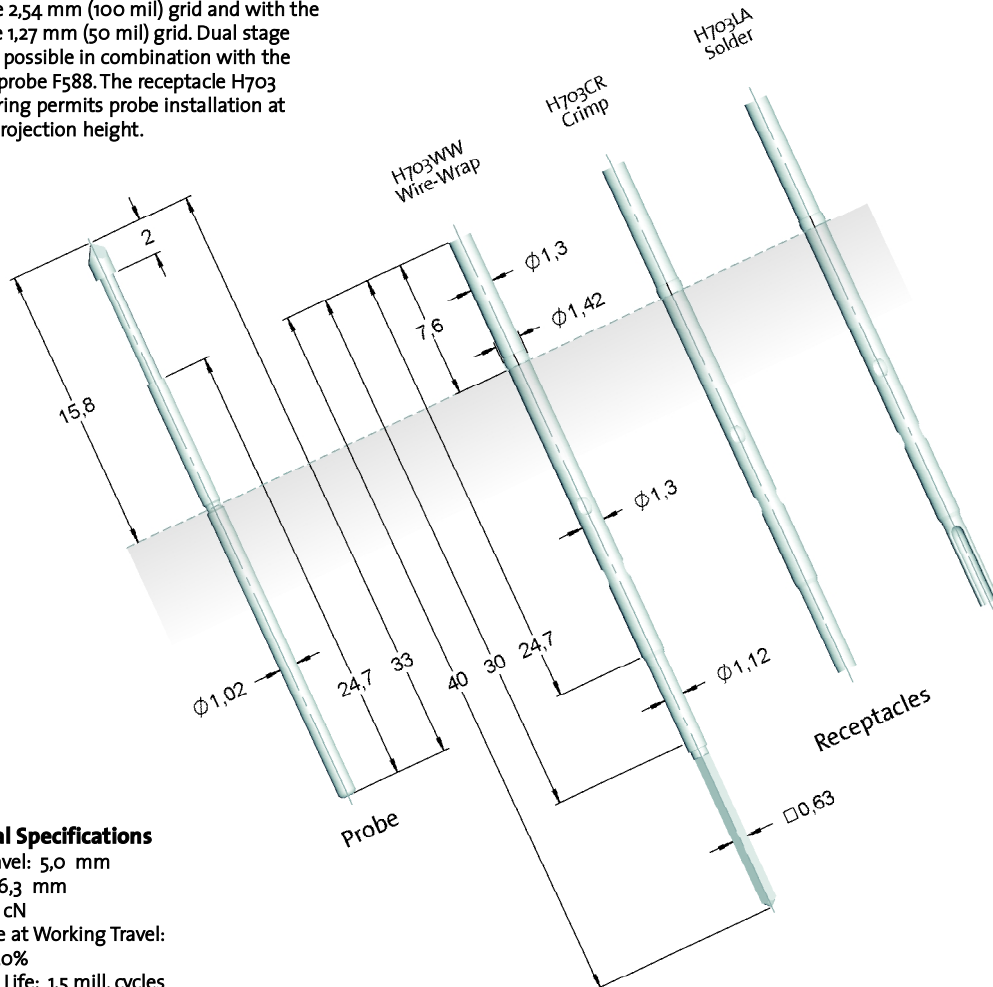
For In-Circuit- and Functional Test (ICT/FCT)

F703

The F703 can be combined with the F585 and the F786 for the 2,54 mm (100 mil) grid and with the F788 for the 1,27 mm (50 mil) grid. Dual stage fixtures are possible in combination with the long travel probe F588. The receptacle H703 with press-ring permits probe installation at a variable projection height.

Centers 1,90 mm/75 mil

	Current	Temperature
Standard	3,0 A	-20°...+80° C



Mechanical Specifications

Working Travel: 5,0 mm
Full Travel: 6,3 mm
Preload: 30 cN
Spring Force at Working Travel:
180 cN $\pm$ 20%
Mechanical Life: 1,5 mill. cycles
Pointing Accuracy: $\pm$ 0,08 mm

Electrical Specifications

Constant Current: 3,0 A
Typical Probe Resistance: 30 mOhm

Material and Finishes

Plunger: see Tip Style
Barrel: Nickel Silver, Gold plated
Spring: Music Wire, Silver plated
Receptacle: Nickel Silver, Gold plated

Order Example

Type	Tip Diameter	Spring Force
F703	06B	130 G
Tip Style	Material	Plunger Finish
06B	130	180 IK
Material:	Tip Diameter:	Plunger Finish:
B = BeCu, S = Steel	1,3 mm = 130	G = Gold plated,
Tip Diameter:		L = Longtime gold plated
Plunger Finish:		Special Version (optional)
Special Version:		IK = Insulation Head
Receptacle:		Order Number see drawing

Projection Height

H703WW	H703CR	H703LA
8,2 - 15,8 mm	8,2 - 15,8 mm	8,2 - 15,8 mm

Plunger Tip Style, Material, Finish and Tip Diameter

06 BeCu; G	06 BeCu; G (IK)	11 BeCu; G	15 BeCu; G	18 BeCu; G
Ø 1,2 mm	Inside Ø 1,3 mm Outside Ø 1,7 mm	Ø 0,78 mm	Ø 1,2 mm	Ø 0,78 mm
21 Steel; L	28 BeCu; G	30 BeCu; G	33 Steel; L	36 Steel; L
Ø 0,78 mm	Ø 1,2 mm	Ø 0,78 mm	Ø 0,78 mm	Ø 1,2 mm
37 BeCu; G	38 Steel; L	64 BeCu; G		
Ø 0,45 mm	Ø 0,78 mm	Ø 0,46 mm		