

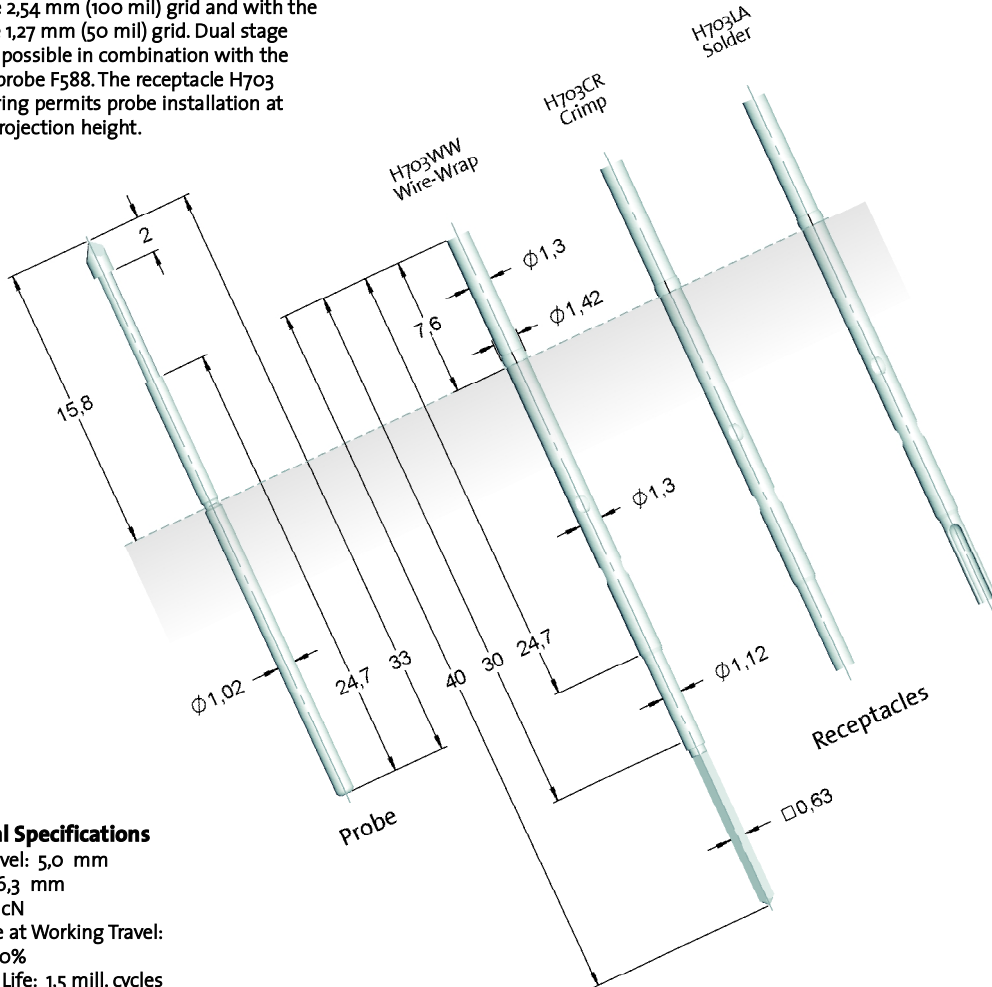
For In-Circuit- and Functional Test (ICT/FCT)

Centers 1,90 mm/75 mil

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

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.



Mechanical Specifications

Working Travel: 5,0 mm
 Full Travel: 6,3 mm
 Preload: 30 cN
 Spring Force at Working Travel:
 180 cN ± 20%
 Mechanical Life: 1,5 mill. cycles
 Pointing Accuracy: ± 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 180
Tip Style	Material	Plunger Finish
IK		
Special Version (optional)		

Material: B = BeCu, S = Steel
Tip Diameter: 1,3 mm = 130
Plunger Finish: G = Gold plated, L = Longtime gold plated
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 Ø 1,2 mm	06 BeCu; G (IK) Inside Ø 1,3 mm Outside Ø 1,7 mm	11 BeCu; G Ø 0,78 mm	15 BeCu; G Ø 1,2 mm	18 BeCu; G Ø 0,78 mm
21 Steel; L Ø 0,78 mm	28 BeCu; G Ø 1,2 mm	30 BeCu; G Ø 0,78 mm	33 Steel; L Ø 0,78 mm	36 Steel; L Ø 1,2 mm
37 BeCu; G Ø 0,45 mm	38 Steel; L Ø 0,78 mm	64 BeCu; G Ø 0,46 mm		