

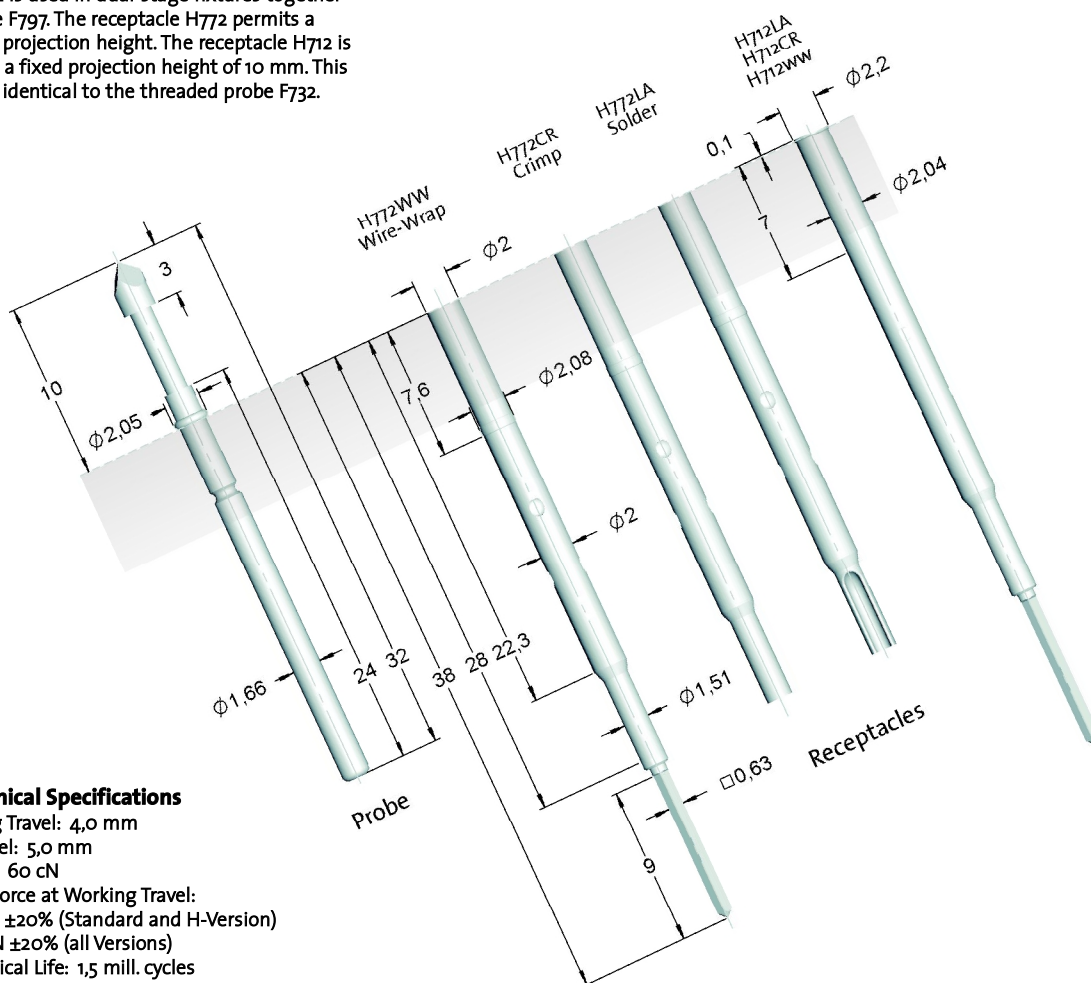
For In-Circuit- and Functional Test (ICT/FCT)

F772

The F772 is used in dual-stage fixtures together with the F797. The receptacle H772 permits a variable projection height. The receptacle H712 is used for a fixed projection height of 10 mm. This probe is identical to the threaded probe F732.

Centers 2,54 mm/100 mil

	Current	Temperature
Standard	5,0 A	-20°... +80° C
H-Version ¹	5,0 A	-40°... +250° C
C-Version	16,0 A	-40°... +250° C

¹ On Request

Mechanical Specifications

Working Travel: 4,0 mm

Full Travel: 5,0 mm

Preload: 60 cN

Spring Force at Working Travel:

150 cN $\pm 20\%$ (Standard and H-Version)300 cN $\pm 20\%$ (all Versions)

Mechanical Life: 1,5 mill. cycles

Pointing Accuracy: $\pm 0,08$ mm

Electrical Specifications

Constant Current: 5,0 - 16,0 A

Typical Probe Resistance: 25 mOhm

C-Version: 10 mOhm

Materials and Finishes

Plunger: see Tip Style

Barrel: Nickel Silver, Gold plated

Spring: Music Wire, Silver plated

Receptacle: Nickel Silver, Gold plated

Projection Height

H772WW/H772CR/H772LA	H712LA/H712CR/H712WW
10,0 - 17,6 mm	10,0 mm

Plunger Tip Style, Material, Finish and Tip Diameter

05 BeCu; G Ø 1,8; 2,0; 2,5 mm	06 BeCu; G Ø 1,5; 1,8; 2,0; 2,5 mm	11 BeCu; G Ø 0,7 mm	12 BeCu; G Ø 1,5 mm	14 Steel; L Ø 2,0 mm
15 BeCu; G Ø 2,0 mm	18 BeCu; G Ø 1,3 mm	21 Steel; L Ø 1,3 mm	32 Steel; N Ø 0,8 mm	33 Steel; L Ø 1,3 mm

High Current Version (C-Version only 300 cN) **new**

06 BeCu; G Ø 2,0 mm	11 BeCu; G Ø 1,0 mm	14 Steel; L Ø 1,3 mm	16 BeCu; G Ø 1,0 mm
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Order Example

Type	Tip Diameter	Spring Force
F772	05B	200 G
Tip Style	Material	Plunger Finish
05B	B = BeCu, S = Steel	300 H
Tip Diameter	Tip Diameter	Special Version (optional)
2,0 mm = 200	G = Gold plated	
Plunger Finish	L = Longtime gold plated	
	N = Nickel plated	
Special Version:	C = High Current Probe	
	H = High Temperature Probe	
Receptacle:	Order Number see drawing	