

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

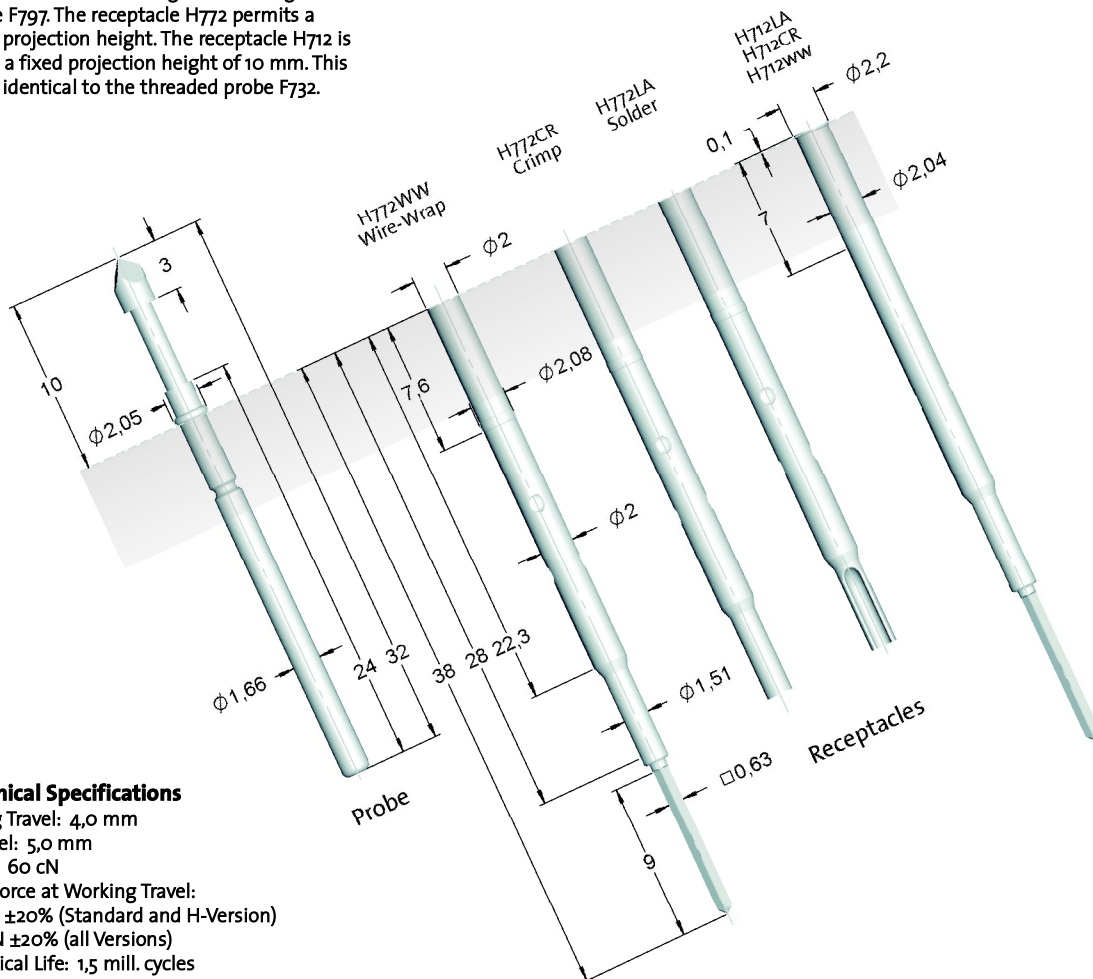
F772

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

Order Example

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

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

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

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