

Bare PCB Testing and Interfaces

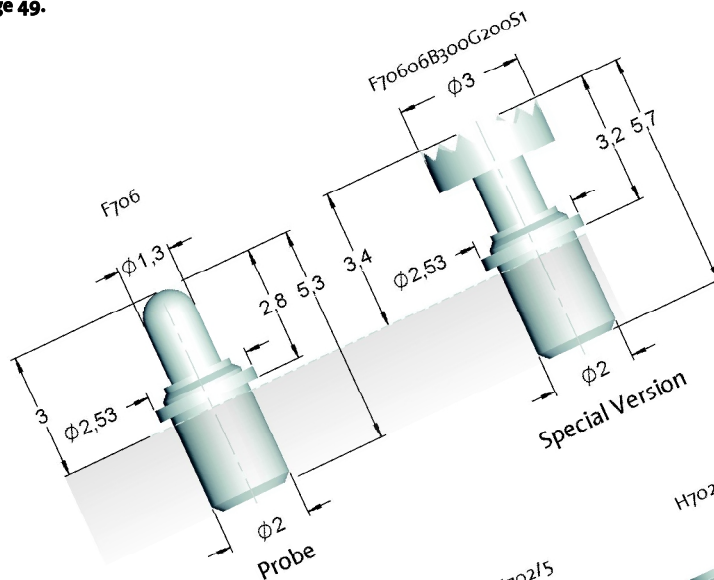
F706

The F706 has been developed for interface-applications. Low projection height combined with high spring force provide an ideal solution for adaptations with limited construction height.

Please find the corresponding interface pin for contacting on page 49.

Centers* 2,70 mm/106 mil

	Current	Temperature
Standard	1,5 A	-20° ... +80° C



Mechanical Specifications

Working Travel: 1,0 mm

Full Travel: 1,2 mm

Preload: 70 cN

Spring Force at Working Travel:

200 cN $\pm 20\%$

Mechanical Life: 1,0 mill. cycles

Pointing Accuracy: $\pm 0,08$ mm

Electrical Specifications

Maximum Continuous Current: 1,5 A

Typical Probe Resistance: 20 mOhm

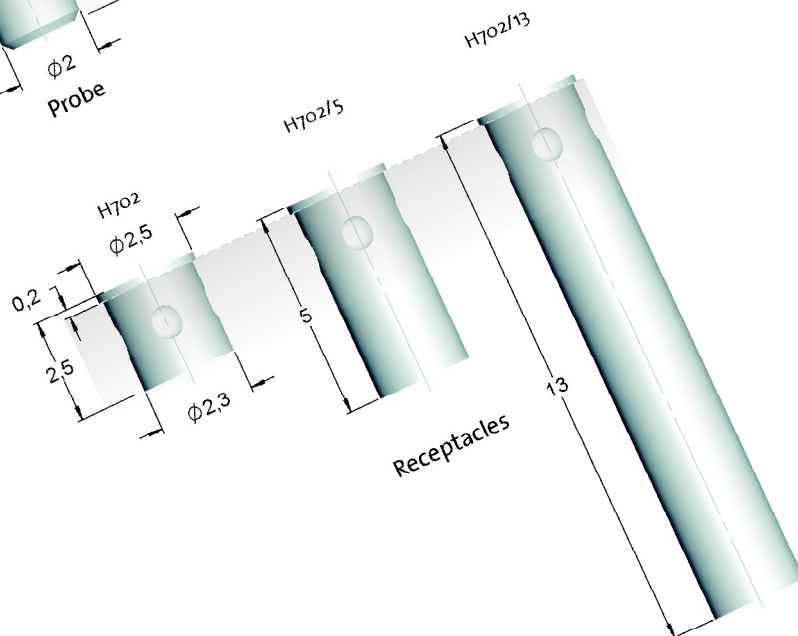
Materials and Finishes

Plunger: BeCu, Gold plated

Barrel: Brass, Gold plated

Spring: Music Wire, Silver plated

Receptacle: Bronze, Gold plated



Order Example

Type	Tip Diameter	Spring Force
F706	11 B	130 G
Tip Style	Material	Plunger Finish
11	B = BeCu	G = Gold plated
130	Tip Diameter: 1,3 mm = 130	Receptacle: Order Number see drawing
200	Spring Force: 200 cN	

Projection Height

F706	F706o6B300G200S1
3,0 mm	3,4 mm

Plunger Tip Style, Material, Finish and Tip Diameter

11 BeCu; G	29 BeCu; G
	
Ø 1,3 mm	Ø 1,3 mm

* Centers depend on chosen tip diameter