

Bare PCB Testing and Interfaces

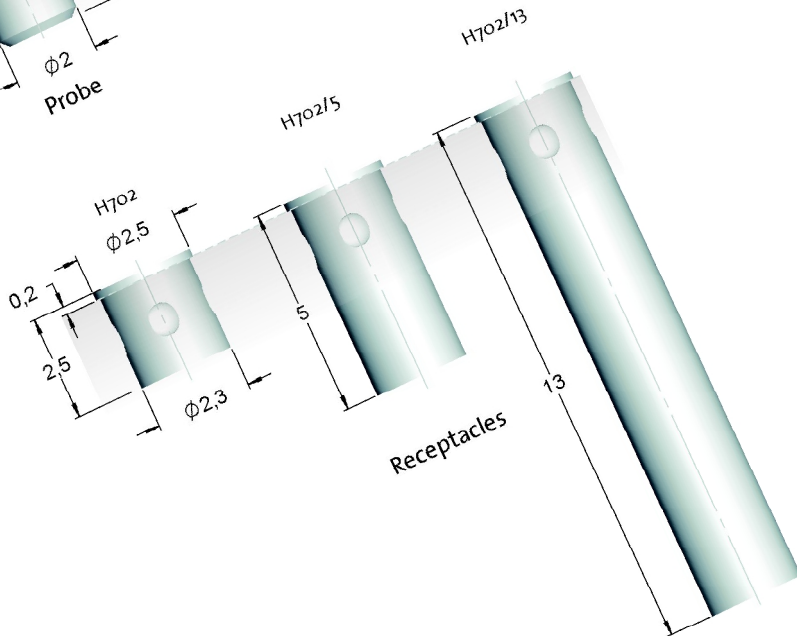
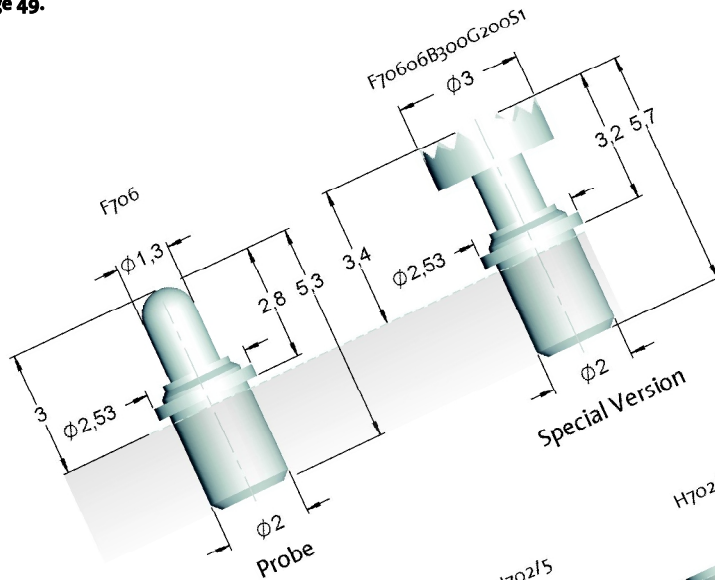
# F706

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 ±20%  
 Mechanical Life: 1,0 mill. cycles  
 Pointing Accuracy: ±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
<b>F706</b>	<b>11 B</b>	<b>130 G</b>
Tip Style	Material	Plunger Finish
<b>Material:</b>	B = BeCu	
<b>Tip Diameter:</b>	1,3 mm = 130	
<b>Plunger Finish:</b>	G = Gold plated	
<b>Receptacle:</b>	Order Number see drawing	

**Projection Height**

F706	F70606B300G200S1
3,0 mm	3,4 mm

**Plunger Tip Style, Material, Finish and Tip Diameter**

<b>11 BeCu; G</b>	<b>29 BeCu; G</b>
Ø 1,3 mm	Ø 1,3 mm

\* Centers depend on chosen tip diameter

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