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.

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Diameter</th>
<th>Spring Force</th>
</tr>
</thead>
<tbody>
<tr>
<td>F706</td>
<td>11 B</td>
<td>130 G 200</td>
</tr>
</tbody>
</table>

Projection Height
- F706: 3.0 mm
- F706B300G200S1: 3.4 mm

Plunger Tip Style, Material, Finish and Tip Diameter
- 11 BeCu: G
- 29 BeCu: G

Material: BeCu
Tip Diameter: 1.3 mm
Plunger Finish: G = Gold plated
Receptacle: Order number see drawing

*Centers depend on chosen tip diameter