

Bare PCB Testing and Interfaces

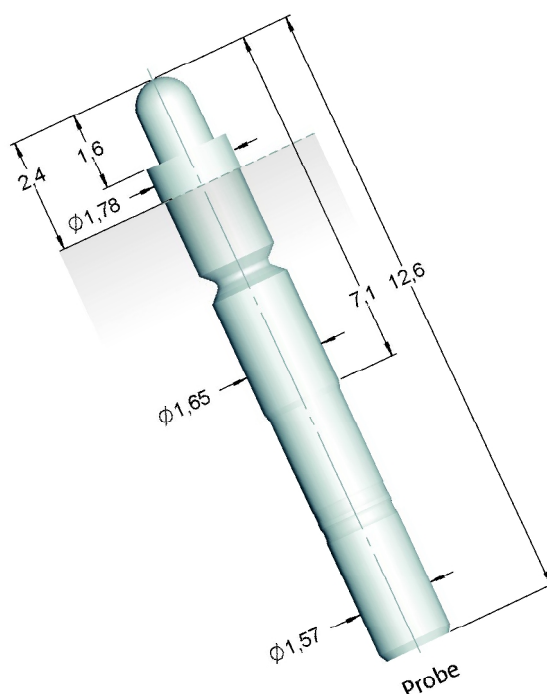
F620

For all applications that require a low installation height. Due to its execution the pin can be soldered directly into the plate. The barrel is sealed with a ball, thus enabling the cable to be soldered into the probe.

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

Centers 2,54 mm/100 mil

	Current	Temperature
Standard	3,0 A	-20°... +80° C



Mechanical Specifications

Working Travel: 1,3 mm

Full Travel: 1,6 mm

Preload: 40 cN

Spring Force at Working Travel:

75 cN $\pm 20\%$

130 cN $\pm 20\%$ (On Request)

Mechanical Life: 1,5 mill. cycles

Pointing Accuracy: $\pm 0,08$ mm

Electrical Specifications

Maximum Continuous Current: 3,0 A

Typical Probe Resistance: 30 mOhm

Materials and Finishes

Plunger: see Tip Style

Barrel: Bronze, Gold plated

Spring: Music Wire, Silver plated

Projection Height

F620

2,4 mm

Order Example

Type: **F620** Tip Diameter: **01 S** Spring Force: **120 L** Plunger Finish: **075**

Tip Style: **01** Material: **S** Plunger Finish: **075**

Material: S = Steel
Tip Diameter: 1,2 mm = 120
Plunger Finish: L = Longtime gold plated,
 N = Nickel plated,
 R = Rhodium plated

Plunger Tip Style, Material, Finish and Tip Diameter

01 Steel; L



Ø 1,2 mm

11 Steel; N, L, R



Ø 1,2 mm