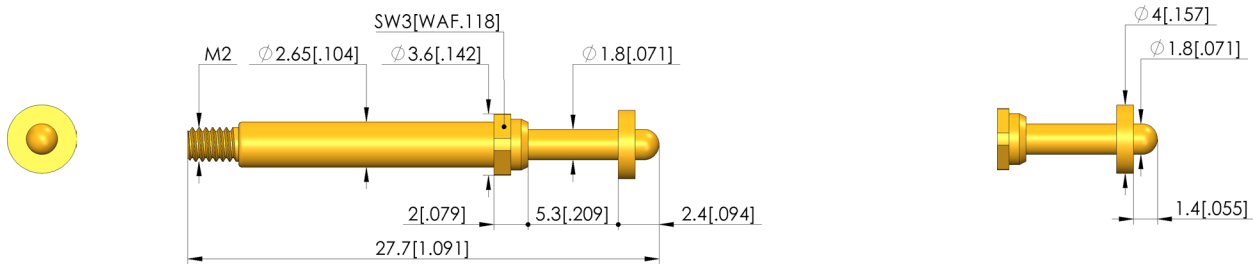
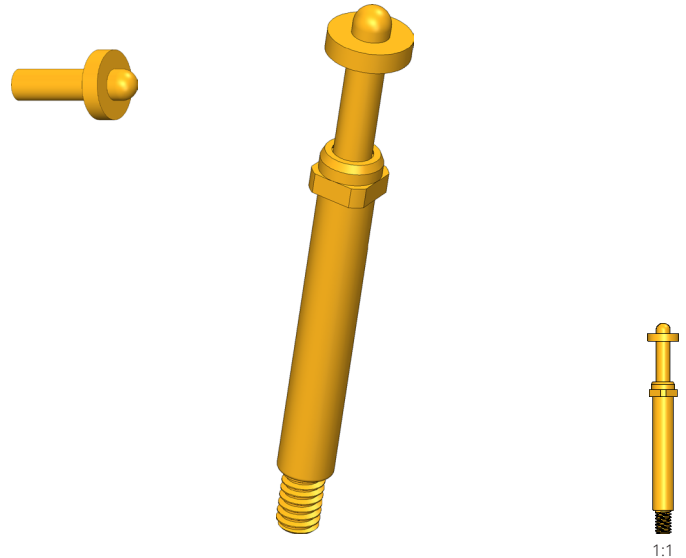




Positionstest

Zur Überprüfung der korrekten Position des Kontaktterminals im Steckergehäuse

- Step probes are used to test the correct position of the contact terminals (contact lamellae) in the plug housings. A connection test can be carried out at the same time. Contact will only occur when the tip of the step probe is correctly positioned
- For optimum contacting, various tip styles are available in various tip $\varnothing$, disc $\varnothing$ and pin lengths



General data

Screw-in torque max.:	20 cNm [1.77 lbf-in]
Product group:	Step probes
Sub-product group:	Step probes
Series:	T-113 M screw-in
Grid:	4.5 mm [177 mil]
Contacting from:	Pad
Magnetic:	Yes
Installation type:	Screw-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Screw-in torque:	10 – 20 cNm [.885 – 1.77 lbf-in]
Compatible receptacle(s):	KS-113 M
Min. temperature:	-40 °C [-40 °F]
Max. temperature:	80 °C [176 °F]
RoHS-compliant:	Yes

Tip style data

Tip style:	05 bullet-nosed (full radius)
Tip diameter:	1.8 mm [.07 in]
Tip style surface:	A gold
Tip style material:	3 CuBe
Step probe tip height:	1.4 mm [.055 in]
Disk diameter:	4 mm [.157 in]

Electrical data

Current load capacity / rated current:	8 A
Typical resistance (Ri):	30 mOhm

Mechanical data

Total length:	27.7 mm [1.09 in]
Barrel diameter:	2.65 mm [.104 in]
Maximum stroke:	5 mm [.196 in]
Spring pre-load:	0.5 N [1.79 ozf]
Collar height:	02
Spring force at working stroke:	1.5 N [5.39 ozf]
Recommended working stroke:	4 mm [.157 in]

Test Probe

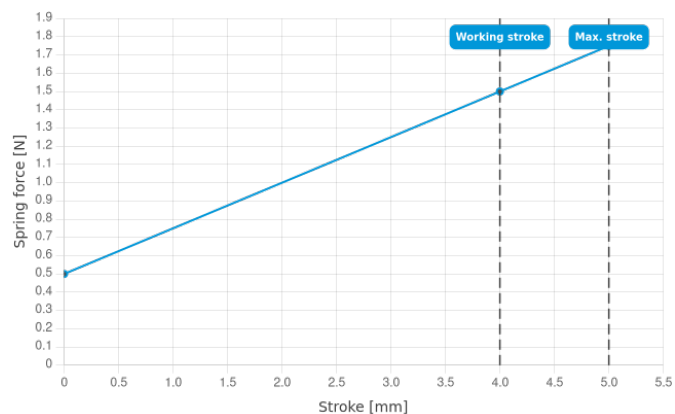
T-113 305 180 140 400A1502M

Item T-113-0032



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