TEST FINGER · DATASHEET

Multi Touch Finger, 5 mm

MA002270

BLUELEC
Part of JOT Automation

The **MA002270** Multi Touch Finger combines a capacitive touch tool and side-slide fingers in a single tool.

Designed for touch-screen and side-key testing of mobile devices, it enables more reliable tool detection in the tool magazine and reduces tool-change time.

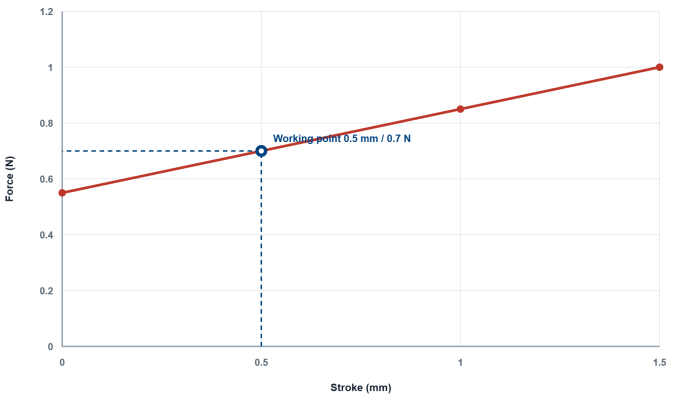
Installation: replaces an existing capacitive tool in the test fixture.



SPECIFICATIONS

Tip diameter	**Ø5 mm (Ø0.20 in)**
Body diameter	**Ø13 mm (Ø0.51 in)**
Overall height	**21.1 mm (0.83 in)**
Head width	**11 +0.1/−0.3 mm (0.43 in)**
Tip material	**Highly durable conductive elastomer**
Recommended working stroke	**0.5 mm (0.02 in)**
Force @ working stroke	**~0.7 N**
Durability, tip travel	**>34 000 m (typical)**

FINGER FORCE



ENVIRONMENTAL

Operating temperature	**0 – 60 °C**
Storage temperature	**−20 … +70 °C**
Relative humidity	**15 – 95 % non-condensing**
Compliance	**RoHS**

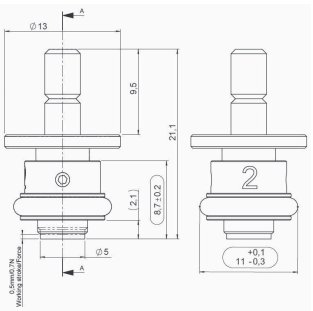
RELATED PRODUCTS

EM052210-1	Capacitive Test Finger, 10 mm
EM052210-2	Capacitive Test Finger, 5 mm
EM072771-0	Capacitive Test Finger, 10 mm
MA028458	Capacitive Test Finger, 8 mm
MA040494	Capacitive Test Finger, 8 mm, long stroke

Durability verified in a multi-touch UI test sequence of 12 600 rounds; tip in good condition after the full test.

DIMENSIONS

mm



3D CAD models available on request via **sales@bluelec.com**

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Specifications subject to change without notice.