TEST FINGER · DATASHEET

Capacitive Test Finger, 8 mm

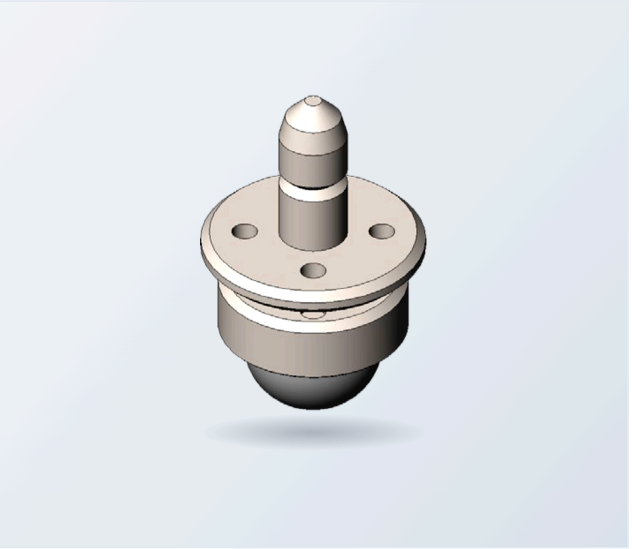
MA028458

BLUELEC
Part of JOT Automation

The **MA028458** is a capacitive test finger designed for various touch-screen testing, with a durable conductive rubber tip.

The recommended stroke is 1.5 mm. The rubber tip flattens under load, so the contact diameter grows with stroke — see the force and tip contact diameter chart below.

Designed for production testing, product development, repair and service centres, and laboratory use.

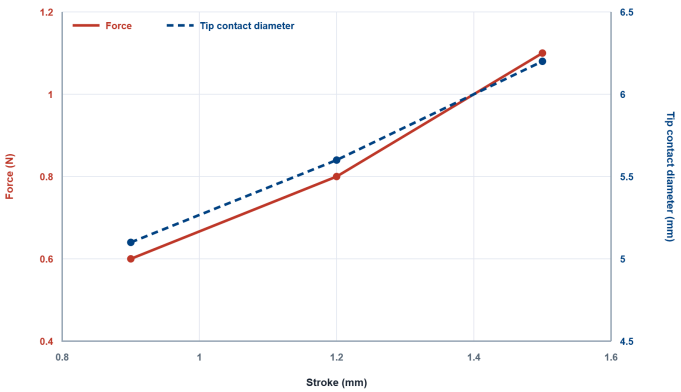


> The conductive rubber tip can be replaced by a capable technician. Spare tip is sold separately as part **SX011052**. Large-batch tip refurbishment is available as a service — contact **sales@bluelec.com**.

SPECIFICATIONS

Tip diameter (dome)	**Ø8 mm (Ø0.31 in)**
Body diameter	**Ø13 mm (Ø0.51 in)**
Shaft diameter	**Ø4 mm (Ø0.16 in)**
Overall height	**21 mm (0.83 in)**
Tip material	**Highly durable conductive rubber**
Spare tip (sold separately)	**SX011052**
Recommended working stroke	**1.5 mm (0.06 in)**
Durability, press cycles (1.5 mm)	**500 000 (typical)**
Durability, travel on glass	**2 000 m (typical)**

FORCE & TIP CONTACT DIAMETER



Force tolerance ±30%, tip contact diameter tolerance ±20%.

ENVIRONMENTAL

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

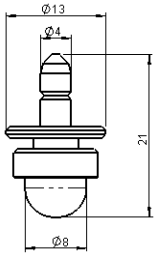
RELATED PRODUCTS

EM052210-1	Capacitive Test Finger, 10 mm
EM052210-2	Capacitive Test Finger, 5 mm
EM072771-0	Capacitive Test Finger, 10 mm
MA040494	Capacitive Test Finger, 8 mm, long stroke
MA002270	Multi Touch Finger, 5 mm

Contact **sales@bluelec.com** for custom test finger solutions.

DIMENSIONS

mm



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

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