



CONTACT PADS

TE Connectivity's (TE) latest contact pad extension offers a robust, all-metal, gold-plated solution for surface-mount (SMT) applications. Engineered for notable durability and consistent performance, these pads help to eliminate the limitations of standard copper foil, providing a superior mating connection. Achieve greater design flexibility and long-term reliability in your most demanding projects.

TARGET APPLICATIONS

Consumer electronics

- Wearable devices, such as smart watches and earbuds
- Tablets
- Smart speakers

Medical portable devices

- Continuous Glucose Monitoring (CGM)
- Hearing aids

Industrial

- Industrial tablets
- Test equipment

KEY BENEFITS AND FEATURES

Design Flexibility

- Offering multiple diameters and heights to match your component layout and mechanical enclosure requirements
 - Diameters: 1.5mm, 1.98mm, 2.99mm
 - Heights: 0.64mm, 0.8mm, 1.14mm, 1.4mm, 1.91mm

Proven Reliability

- Full metal body with gold plating helps to improve conductivity and oxidation resistance
- Helps to provide stable connections and reduce field failures, compared with simple copper foil

Compatibility

- Well-suited conductive mating surface for pogo pins, spring fingers, and test probes

Efficient Assembly

- Flat, circular shape is suitable for SMT soldering, helps to enable automated production and simplify the manufacturing process



STANDARD PART OFFERINGS

Part Number	Plating	Diameter	Thickness
2511417-1	Au	1.98mm	0.64mm
2511417-2	Au	1.98mm	1.4mm
2511417-3	Au	1.98mm	1.4mm
2511418-1	Au	2.99mm	1.4mm
2511418-2	Au	2.99mm	1.91mm
2511420-1	Au	1.5mm	0.8mm

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