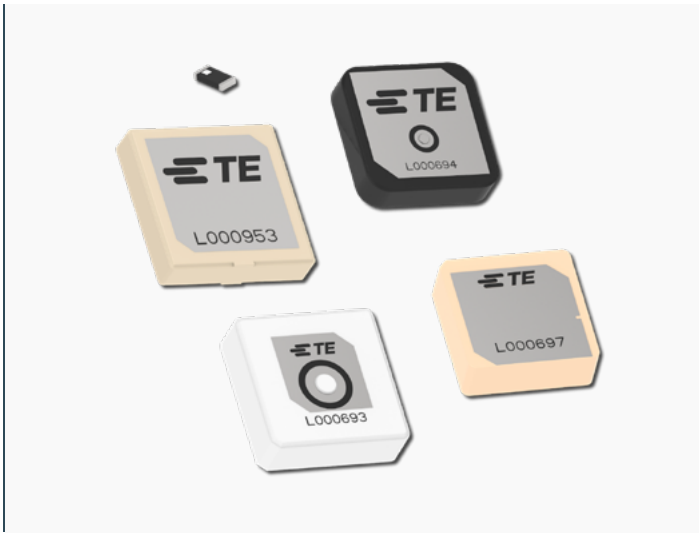
INTRODUCING

GNSS AND ISM CERAMIC PATCH AND CHIP ANTENNAS PRODUCT EXPANSION

- **Space-saving, compact design**
- **High performance, high efficiency**
- **Surface mount and through hole mount options**



TE Connectivity's (TE) GNSS L1 passive ceramic patch and chip antennas offer high performance, high reliability, and various installation options in different form factors. A variety of frequency ranges are available from 1561 MHz – 1602 MHz to allow flexibility in design. The new chip antenna is one of the smallest GNSS antennas in the market. TE's ISM 2.4 GHz and 5.9 GHz passive ceramic patch antennas offer high performance and high reliability for wireless applications.

PRODUCT FEATURES

- **GNSS L1 Passive Ceramic Patch and Chip Antennas**
  - High performance, high efficiency
  - Surface mount and through hole mount options
  - 1561–1602 MHz or 1575-1602 MHz frequency range
  - Compact size
- **ISM 2.4 GHz and 5.9 GHz Passive Ceramic Patch Antennas**
  - 2.4 GHz
    - Wi-Fi / Bluetooth Low Energy (BLE)
  - 5.9 GHz
    - Vehicle-to-Everything (V2X) communication
    - Dedicated Short Range Communications (DSRC)

APPLICATIONS

- **GNSS L1 Antennas**
  - Global Navigation Satellite Systems (GNSS)
    - GPS, Galileo, and BeiDou systems
  - Cellular Internet of Things (IoT) devices
  - Industrial Internet of Things (IIoT) applications
  - Automotive
    - Vehicle-to-everything (V2X)
    - Telematics
    - Navigation systems
  - Precision surveying
  - Asset tracking
  - Smart home / home automation
  - Miniature devices
  - Telecommunications
    - Base stations
    - Wireless communication infrastructure
- **Consumer electronics**
  - Wearables
  - Smartphones
  - Tablets
  - Mobile devices
- **ISM 2.4 GHz (L000697-01)**
  - High performance industrial applications in the 2.4GHz Wi-Fi, ISM, and Zigbee bands.
  - Short-range applications
  - ISM applications
    - Industrial automation
    - Medical devices
    - Scientific instrument
  - Smart home automation
    - Lighting control
  - Energy management
- **ISM 5.9 GHz (L000693-01)**
  - Vehicle-to-Everything (V2X) Communication
  - Dedicated Short Range Communications (DSRC).
  - Cellular Vehicle-to-Everything (C-V2X)
  - Intelligent Transportation Systems (ITS)

LEARN MORE

- Antennas Landing Page
- GNSS Expansion Product Flyer
- ISM Expansion Product Flyer

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