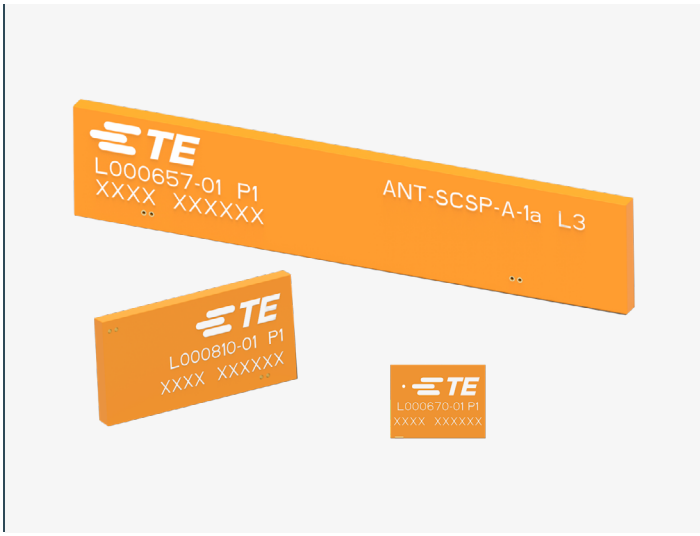
INTRODUCING

SPLATCH 5G/LTE CELLULAR WIDEBAND AND L1/L5 MICRO SPLATCH GNSS CHIP ANTENNAS

- **Wideband coverage**
- **High efficiency, economic cost, and adaptability (wideband operation provides flexibility and optionality)**



Splatch 5G/LTE cellular wideband cellular antennas

The new Splatch 5G/LTE cellular wideband chip antennas from TE Connectivity (TE) are surface-mount omnidirectional embedded antennas supporting frequencies used in 5G FR1 and LTE to offer global world band wideband coverage in a low-profile, very small footprint. These antennas are designed for reflow-solder mounting directly to a printed circuit board for high-volume applications and use a grounded-line technique to improve performance when subjected to nearby sources of interference. The high efficiency, economic cost, and adaptability (wideband operation provides flexibility and optionality) of these Splatch antennas make them well suited for many Internet of Things (IoT) applications that require robust connections.

L1/L5 Splatch GNSS Chip Antenna

The new L1/L5 micro Splatch GNSS chip antenna from TE Connectivity (TE) provides both L1 and L5 frequency band coverage in a small form factor with high efficiency and competitive performance. The L1/L5 micro Splatch GNSS chip antenna is a surface mount printed circuit board (PCB) antenna that operates in the L1/E1/B1 and L5/E5/B2A bands used in GPS, Galileo, Beidou, NavIC and QZSS systems. This low profile (1mm), ultra small footprint (14x10.75mm) antenna is useful for Internet of Things (IoT) applications where PCB surface area is limited. This chip antenna is designed for reflow-solder mounting directly to a PCB for high-volume applications and uses a grounded-line technique to improve performance when subjected to nearby sources of interference.

APPLICATIONS

- IoT applications
- Home automation
- Asset tracking
- Telematics
- Automotive
- Communication systems
- Smart city
- Vehicle-to-vehicle communications
- Positioning
- Smart agriculture

KEY BENEFITS

- Designed for reflow-solder mounting directly to a printed circuit board for high-volume applications
- Use a grounded-line technique to improve performance when subjected to nearby sources of interference

LEARN MORE

- Landing Page
- Parts List

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