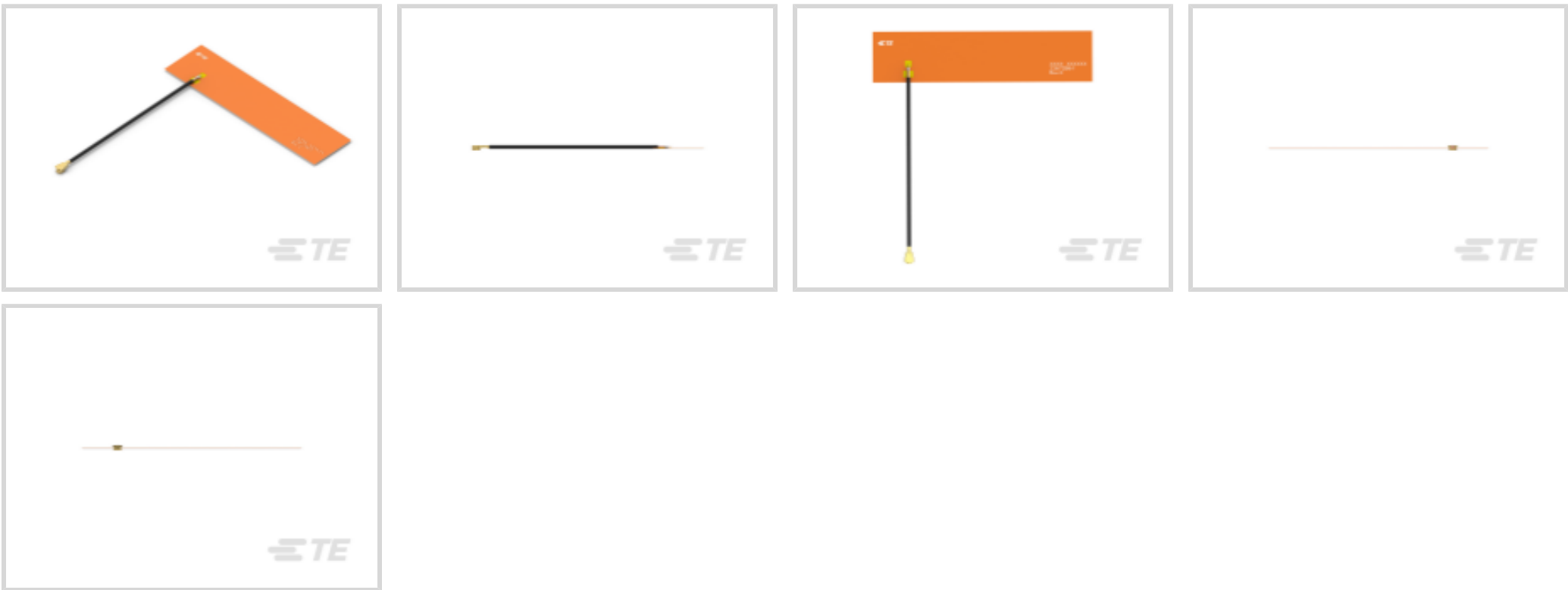




Antennas



Wireless Application: Bluetooth, Cat-M/NB-IoT, Cellular, ISM, LoRaWAN, LPWA, Zigbee

Mounting Location: Internal/Embedded

Mounting Type: Adhesive

Antenna Termination: MHF, MHF1, U.FL, UMCC

Antenna Type: Flexible PCB (FPC)

Features

Product Type Features

| | |
|---------------------|-----------------------|
| Antenna Termination | MHF, MHF1, U.FL, UMCC |
|---------------------|-----------------------|

Configuration Features

| | |
|--------------------|--------------------|
| Antenna Style | Thin PCB |
| Mounting Location | Internal/Embedded |
| Antenna Type | Flexible PCB (FPC) |
| Band Type | Multi Band |
| Port Configuration | Single Port |

Electrical Characteristics

| | |
|-------------------|---------|
| Antenna Operation | Passive |
| VSWR (Max) | <4.0:1 |
| Impedance | 50 Ω |

Signal Characteristics

| | |
|----------------|--------------------------------|
| Gain (Max) | 4 dB |
| Frequency Band | 698 – 960 MHz, 1710 – 2700 MHz |



| | |
|-------------------------|------------|
| Nominal Frequency Range | 698 – 2700 |
| Peak Gain | 3 < 6 dBi |

Body Features

| | |
|----------------|----------------|
| Product Weight | 2.9 g[.102 oz] |
|----------------|----------------|

Mechanical Attachment

| | |
|---------------|----------|
| Polarization | Linear |
| Mounting Type | Adhesive |

Dimensions

| | |
|---------------------------------|------------------|
| Cable Insulation Diameter (Max) | .7 mm[.028 in] |
| Cable Length | .2 m[.66 ft] |
| Product Diameter | 1.13 mm[.044 in] |
| Product Width | 15 mm[.59 in] |
| Product Length | 65 mm[2.56 in] |
| Product Height | .19 mm[.007 in] |

Operation/Application

| | |
|-------------------|--|
| Wireless Standard | LTE, UMTS, US Dual, EU Triband & WCDMA |
| Directionality | Omnidirectional |

Industry Standards

| | |
|----------------------|---|
| Wireless Application | Bluetooth, Cat-M/NB-IoT, Cellular, ISM, LoRaWAN, LPWA, Zigbee |
| Primary Application | Cat-M/NB-IoT, Cellular, ISM |

Product Availability

| | |
|-------------------|--------|
| Applicable Region | Global |
|-------------------|--------|

Packaging Features

| | |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Other

| | |
|-----------------|----------|
| Precision Level | Standard |
|-----------------|----------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

| | |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|



| | |
|---|---|
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC |
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2337019-1
UMCC Micro-Coax receptacle, Gen 1

Customers Also Bought



TE Part #2015357-3
C/A, UMCC/UMCC, 1.37 OD CABLE, 100MM LON



TE Part #1-329632-2
LOCKWASHER, PLATED



TE Part #2337019-1
UMCC Micro-Coax receptacle, Gen 1



TE Part #2361492-2
PCB Antenna,cable,MHF,698-2700MHz



TE Part #2367286-2
LTE ANTENNA COTS FPC ASSEMBLY
50mm Cable

TE Part #2361492-1
PCB Antenna,cable,MHF,698-2700MHz

TE Part #1011-054-1205
DEUTSCH DT Retention Sleeves

TE Part #2108937-1
FPC ANT, MHF, 50mm, GNSS+ Wi-Fi
6E

TE Part #1010-042-1206
SEAL, INTF, 12P, RED-ORG, DTM

Documents

Product Drawings

LTE ANTENNA COTS FPC ASSY 200mm Cable

English

CAD Files

Customer View Model

ENG_CVM_CVM_2367286-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2367286-1_C.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2367286-1_C.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

2367286-X Antennas Application Notes

English

DS_PN-2367286-X

English

Product Specifications

Product Specification

English

