

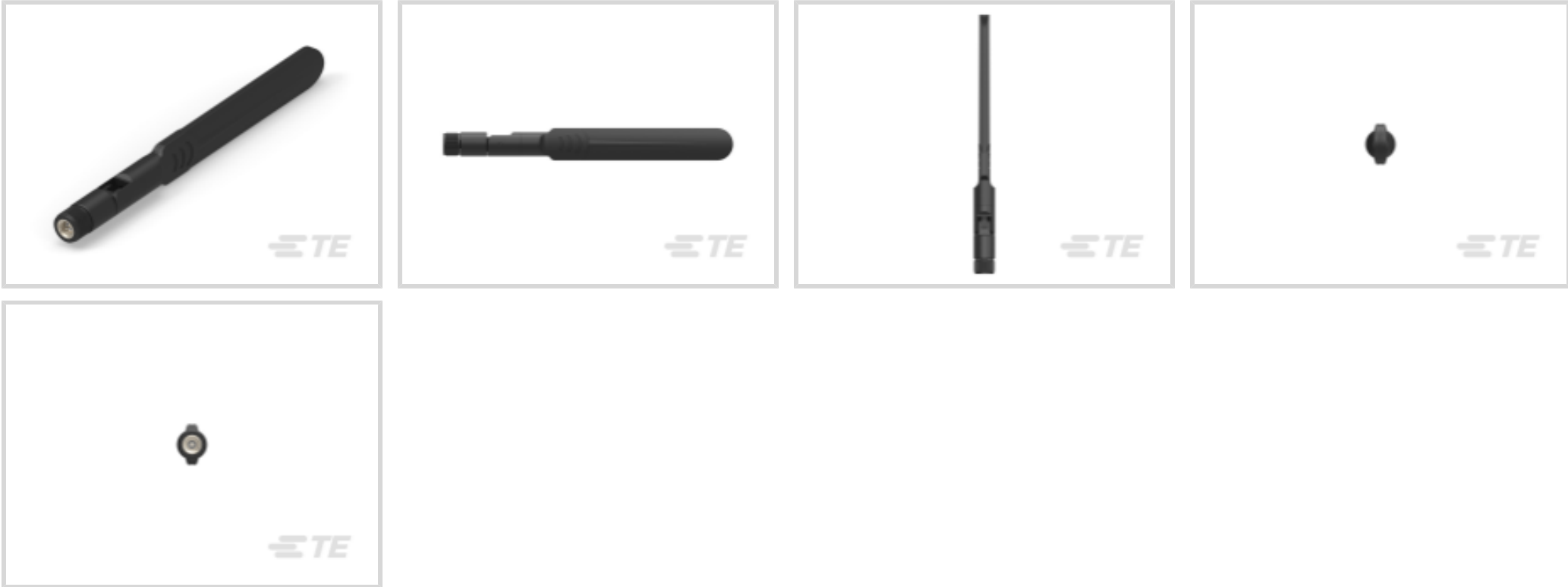


TE Internal #: 2108940-1

Terminal/Duck Antenna, Multi Band, Cat-M/NB-IoT / Cellular,
External Mount, Panel Mount, SMA, Omnidirectional, Single Port, 3
< 6 dBi Peak Gain

[View on TE.com >](#)

Antennas



Wireless Application: Cat-M/NB-IoT, Cellular

Mounting Location: External

Mounting Type: Panel Mount

Frequency Category: 698 – 2700

Antenna Type: Terminal/Duck

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Enclosure
Mounting Location	External
Antenna Type	Terminal/Duck
Band Type	Multi Band
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<2.5:1

Signal Characteristics

Frequency Band	698 – 960 MHz, 1420 – 1610 MHz, 1710 – 2700 MHz
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Gain (Max)	4.2 dB
Frequency Category	698 – 2700
Peak Gain	3 < 6 dBi

Body Features

Product Weight	15.3 g[.539 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Panel Mount

Dimensions

Product Width	17.6 mm[.692 in]
Product Length	157.9 mm[6.121 in]
Product Height	13 mm[.512 in]

Operation/Application

Wireless Standard	802.11 a/b/g/n, WiMAX, Bluetooth & ZigBee, LTE, UMTS, US Dual, EU Triband & WCDMA
Directionality	Omnidirectional

Industry Standards

Wireless Application	Cat-M/NB-IoT, Cellular
Primary Application	Cat-M/NB-IoT, Cellular

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Bag & Box
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Other

Precision Level	Standard
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JAN 2025 (247)
SVHC > Threshold:
Melamine (7% in 16635324774)
Pb (3.05% in 16635324766)
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Not reviewed 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 # 2032440-3
C/A, UMCC TO SMA BHD JACK, 1.3



TE Part # 2016682-8
RF CA,SMA BK TO UMCC GEN1,1.13, L500MM



TE Part # 2016682-3
RF CA,SMA BK TO UMCC GEN1,1.13, L150MM



TE Part # 2032440-4
C/A, UMCC TO SMA BHD JACK, 1.3



TE Part # 2404600-3
RF CA,UMCC1 TO SMA JACK-WP,1.13 MM,L150MM



TE Part # 2016694-4
RF CA,UMCC4 TO SMA JACK,1.13MM, L200MM

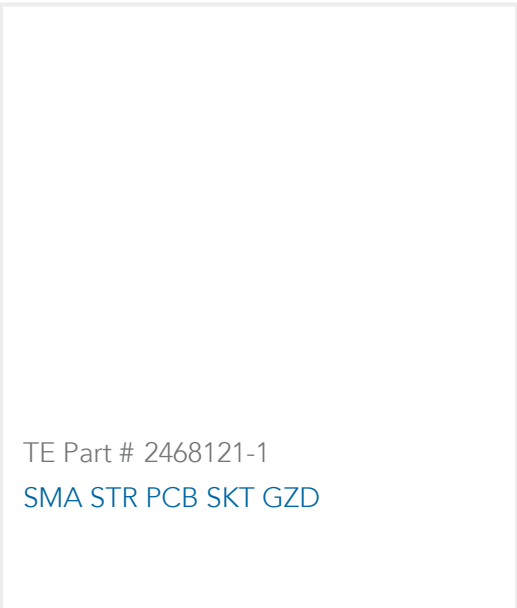


TE Part # 2337019-1
UMCC Micro-Coax receptacle, Gen 1



TE Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4





TE Part # 2468121-1
SMA STR PCB SKT GZD



TE Part # 1-2016682-1
RF CA,SMA BK TO UMCC GEN1,1.13, L254MM



TE Part # 2016682-7
RF CA,SMA BK TO UMCC GEN1,1.13, L350MM



TE Part # 1-2016682-0
RF CA,SMA BK TO UMCC GEN1,1.13, L1000MM



TE Part # 2016694-3
RF CA,SMA BK TO UMCC GEN4, WITH1.13,L150



TE Part # 2016694-2
RF CA,UMCC4 TO SMA JACK,1.13MM, L100MM



TE Part # 2016682-9
RF CA,SMA BK TO UMCC GEN1,1.13, L750MM



TE Part # 2016694-9
RF CA,SMA BULKHEAD TO UMCC IV, L500MM



TE Part # 2016694-1
RF CA,SMA BULKHEAD TO UMCC IV, L50MM



TE Part # 2016682-4
RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM

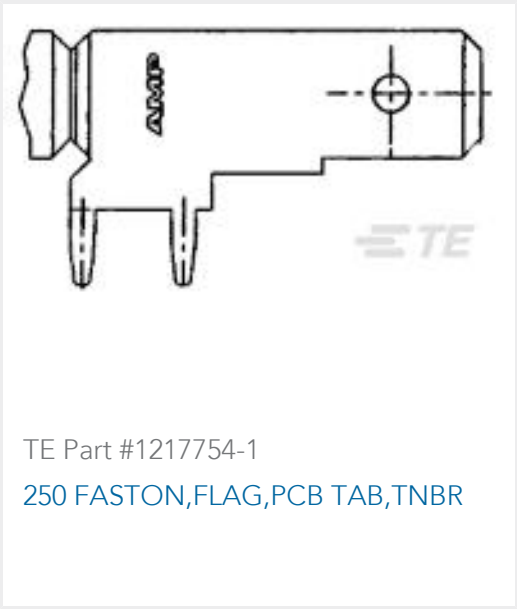


TE Part # 2016694-7
RF CA,SMA BULKHEAD TO UMCC IV, L350MM



TE Part # 2032440-2
C/A, UMCC TO SMA BHD JACK, 1.3. L-370MM

Customers Also Bought



TE Part #1217754-1
250 FASTON,FLAG,PCB TAB,TNBR



TE Part #9-1393239-5
RT314012



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



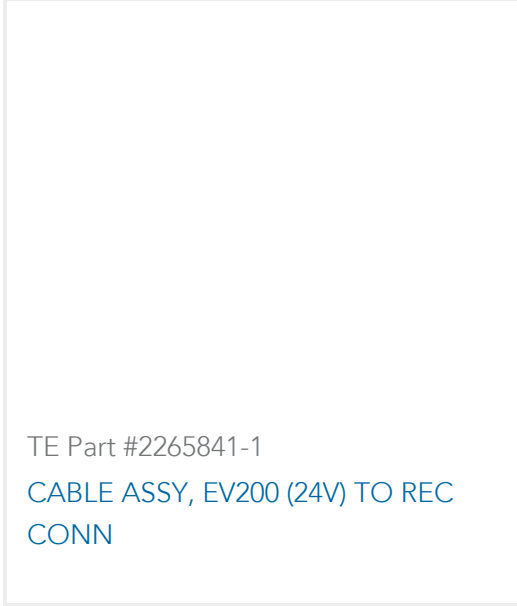
TE Part #1571563-9
FSM8JSMATR=TACT,SMT,T&R



TE Part #CAT-C339-SQ1
Wirewound Resistor: Vertical Mount



TE Part #2-2176349-8
CRGCQ 2512 1K8 1%



TE Part #2265841-1
CABLE ASSY, EV200 (24V) TO REC CONN

Documents



Product Drawings

Terminal Ant, SMA, LTE,GNSS,698-2700MHz

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2108940-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2108940-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2108940-1_1.3d_stp.zip

English

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

Datasheets & Catalog Pages

Terminal Ant, SMA, LTE,GNSS,698-2700MHz

English

Product Specifications

Product Specification

English