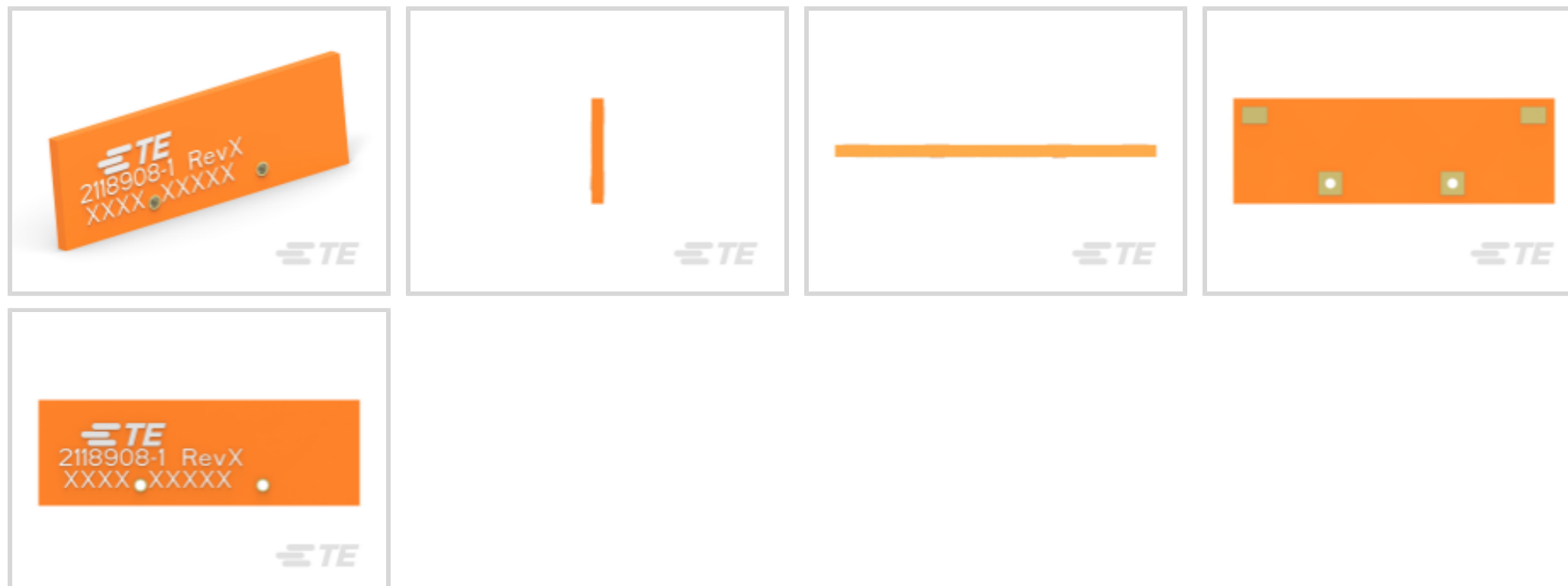




Antennas



Wireless Application: **Bluetooth, WLAN, ZigBee**

Mounts To: **Printed Circuit Board**

Mounting Retention Type: **Printed Circuit Board**

Antenna Connection Type: **SMT**

Application by Region: **Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global - 2400 – 2483.5 MHz, WLAN - Global - 5150 – 5875 MHz, WLAN - Global - 5925 – 7125 MHz**

Features

Product Type Features

Antenna Connection Type	SMT
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Configuration Features

Band Type	Triple Band
Antenna Protocol	WLAN
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB

Electrical Characteristics

VSWR (Max)	< 2.0:1, <2.5:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2483.5 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz
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Gain (Max)	2.3 dB, 2.8 dB
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Body Features

Product Weight	.2 g[.007 oz]
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Mechanical Attachment

Region	Global
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Polarization	Linear
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Mounts To	Printed Circuit Board
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Mounting Retention Type	Printed Circuit Board
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Dimensions

Product Length	18.9 mm[.774 in]
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Product Width	6.2 mm[.244 in]
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Product Height	.76 mm[.029 in]
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Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global - 2400 – 2483.5 MHz, WLAN - Global - 5150 – 5875 MHz, WLAN - Global - 5925 – 7125 MHz
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Operation/Application

Wireless Standard	802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi
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Industry Standards

Wireless Application	Bluetooth, WLAN, ZigBee
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUN 2020
(209)
Candidate List Declared Against: JUN 2020
(209)
Does not contain REACH SVHC

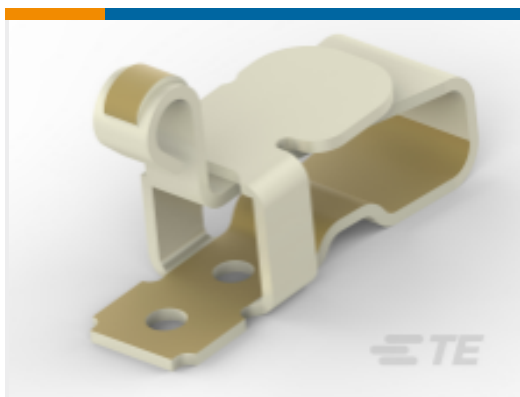
Halogen Content
Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability
Reflow solder capable to 245°C

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 Model / Part # CAT-SP82102-C7671
SPRING FINGERS



TE Model / Part # 2336713-2
SPRING FINGER 1.45H

Customers Also Bought



TE Model / Part #1766600-2
INSULATION BOOT,#2,RED



TE Model / Part #T4151410004-002
M12 A-CODE FEMALE R/A SINGLE ENDED CABL

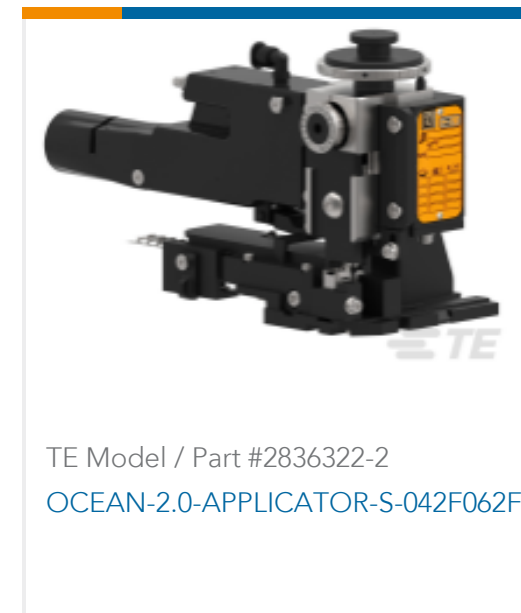


TE Model / Part #1062-16-0177
DEUTSCH STAMPED & FORMED CONTACTS



CRIMPER REPRESENTATION ONLY

TE Model / Part #1-1803017-1
CRIMPER, INSULATION F



Documents

Product Drawings

PCB WLAN TRIPLE BAND BULK PACKAGED

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2118908-1_A2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118908-1_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118908-1_A2.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Wi-Fi 6E TRIPLE BAND ON BOARD ANTENNA

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

