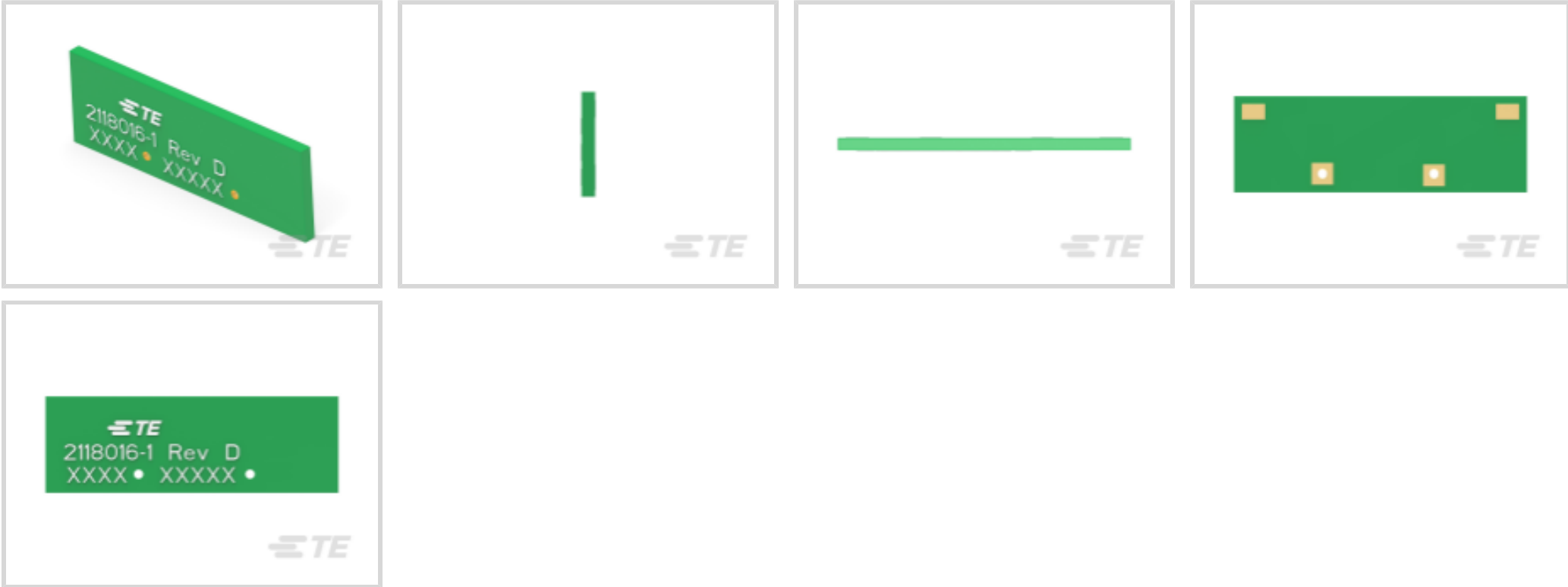




Antennas



Antenna Type: **Chip**

Band Type: **Dual Band**

Primary Application: **Bluetooth, Wi-Fi**

Wireless Application: **Bluetooth, Wi-Fi, Zigbee**

Mounting Location: **Internal/Embedded**

Features

Product Type Features

Antenna Product Type	Antenna
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Configuration Features

Antenna Style	PCB
Antenna Type	Chip
Band Type	Dual Band
Mounting Location	Internal/Embedded
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<3:1

Signal Characteristics

Frequency Band	2400 – 2483.5 MHz, 5150 – 5875 MHz
Gain (Max)	2 dB



Frequency Category	2400 – 5950
Peak Gain	0 < 3 dBi

Body Features

Product Weight	.3 g[.0105 oz][.011 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Surface Mount

Dimensions

Product Width	6.2 mm[.244 in]
Product Length	18.9 mm[.744 in]
Product Height	.79 mm[.031 in]

Operation/Application

Wireless Standard	802.11 a/b/g/n, Bluetooth & ZigBee
Directionality	Omnidirectional

Industry Standards

Primary Application	Bluetooth, Wi-Fi
Wireless Application	Bluetooth, Wi-Fi, Zigbee

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
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: JAN 2025 (247) Candidate List Declared Against: JAN 2021 (211)



Does not contain REACH SVHC

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Reflow solder capable to 245°C
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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 # 2306654-3
SPRING FINGER 1.8H

TE Part # 2199001-1
SHIELD FINGER 1210 EMBOSS PACKING

TE Part # 2336713-2
SPRING FINGER 1.45H

TE Part # 2040852-1
SHIELD FINGER 0820 N-B WITH SE

TE Part # 2306334-3
SPRING FINGER 1.2H

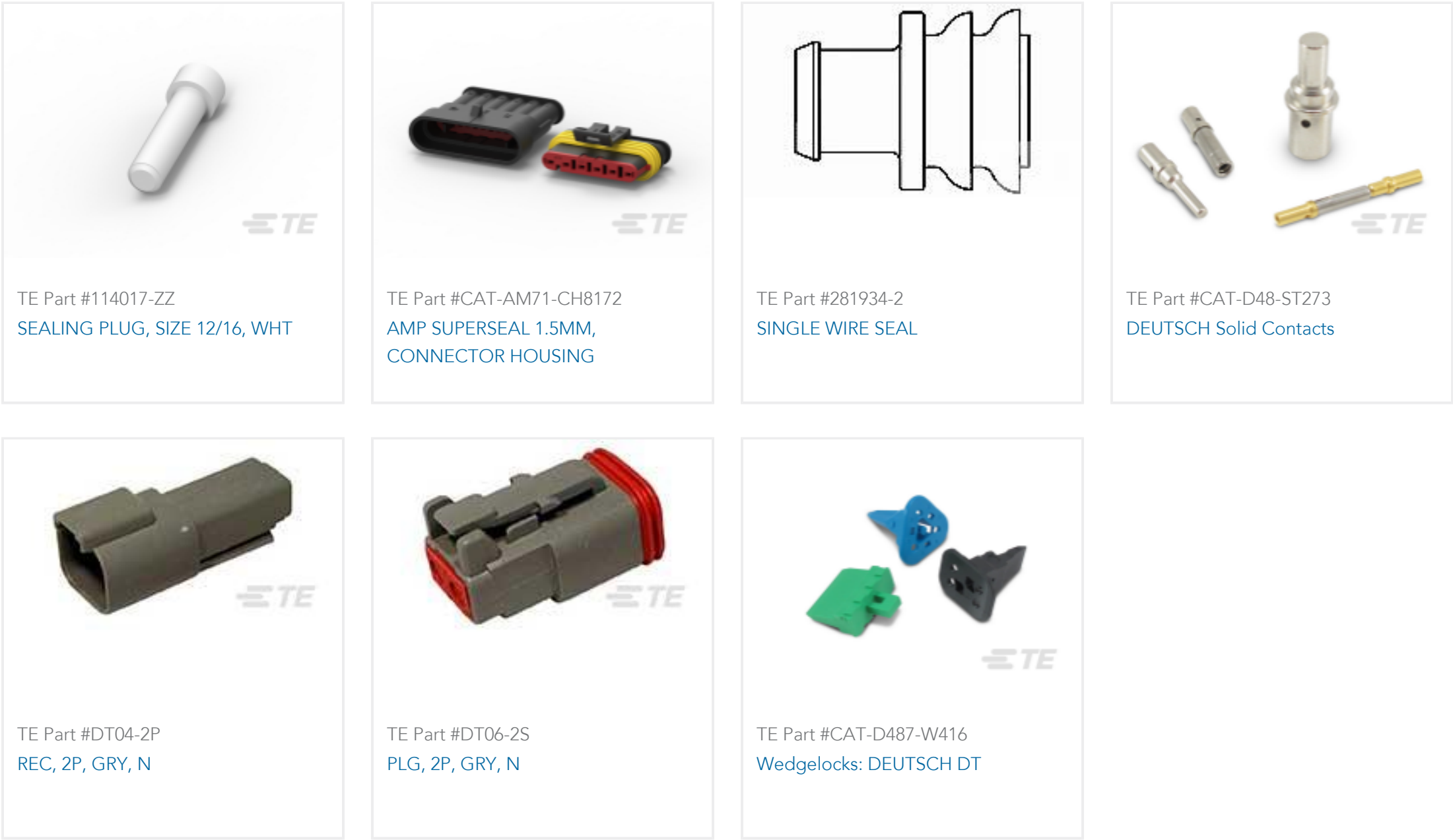
TE Part # 2306454-3
SPRING FINGER 2.3H

TE Part # 1447009-5
SHIELD FINGER 0820 TYPE

TE Part # 2199248-4
Shield Finger, Loose Piece, Type A, 1.0h

TE Part # 2199248-5
SHIELD FINGER, LOOSE PIECE, TYPE A, 1.3H

Customers Also Bought



Documents

- CAD Files

Customer View Model

ENG_CVM_CVM_2118016-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2118016-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2118016-1_A.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

PCB ANTENNA

English

Product Specifications

Product Specification

English