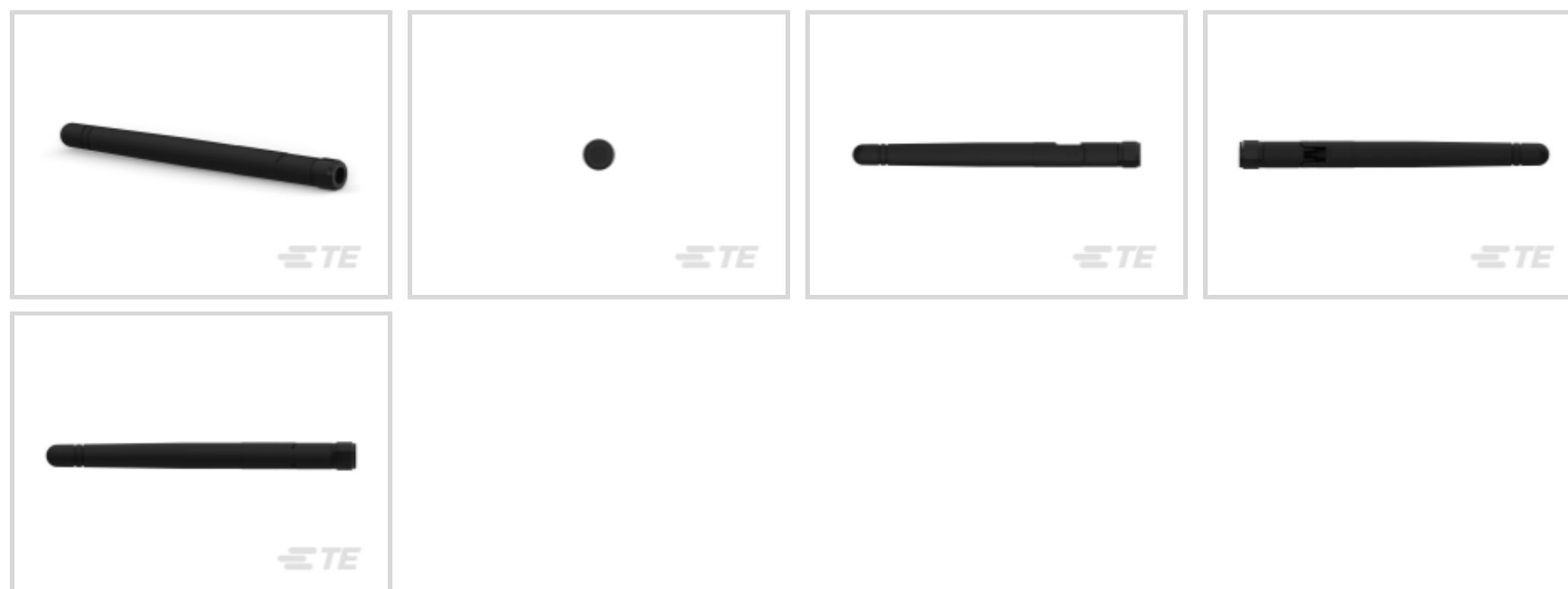




Antennas



Wireless Application: **Wi-Fi, WLAN, ZigBee**

Mounts To: **Plug**

Mounting Retention Type: **Mounting Clinch Nuts**

Antenna Connection Type: **RP-SMA**

Antenna Connector Type: **SMA Plug**

**Features**

**Product Type Features**

Antenna Connection Type	RP-SMA
Antenna Connector Type	SMA Plug

**Configuration Features**

Number of Ports	1
Antenna Style	External

**Electrical Characteristics**

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

**Signal Characteristics**

Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz
Gain (Max)	2.5 dB

**Body Features**

Product Weight	8.5 g
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**Mechanical Attachment**



Region	Global
Polarization	Linear
Mounts To	Plug
Mounting Retention Type	Mounting Clinch Nuts

### Dimensions

Product Length	108 mm[4.25 in]
Product Width	10 mm[.39 in]

### Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, Wi-Fi - Global - 2400 – 2483.5 MHz, WLAN - Global - 2400 – 2483.5 MHz, WLAN - Global by Channel - 5150 – 5875 MHz
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### Operation/Application

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

Wireless Application	Wi-Fi, 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
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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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 Model / Part # 2016504-1  
SMA RIGHT ANGLE, PCB, RP



TE Model / Part # 2016695-4  
RF CA,RP-SMA BULKHEAD TO UMCC I,L200MM



TE Model / Part # 2016693-2  
RF CA,RP-SMA BULKHEAD TO UMCC I,L100MM



TE Model / Part # 2016693-4  
RF CA,RP-SMA BULKHEAD TO UMCC I,L200MM



TE Model / Part # 2016695-2  
RF CA,RP-SMA BULKHEAD TO UMCC I,L100MM



TE Model / Part # 2016693-1  
RF CA,RP-SMA BULKHEAD TO UMCC I,L50MM



TE Model / Part # 2016693-3  
RF CA,RP-SMA BULKHEAD TO UMCC I,L150MM



TE Model / Part # 2016693-5  
RF CA,RP-SMA BULKHEAD TO UMCC I,L250MM



TE Model / Part # 2016693-6  
RF CA,RP-SMA BULKHEAD TO UMCC I,L300MM



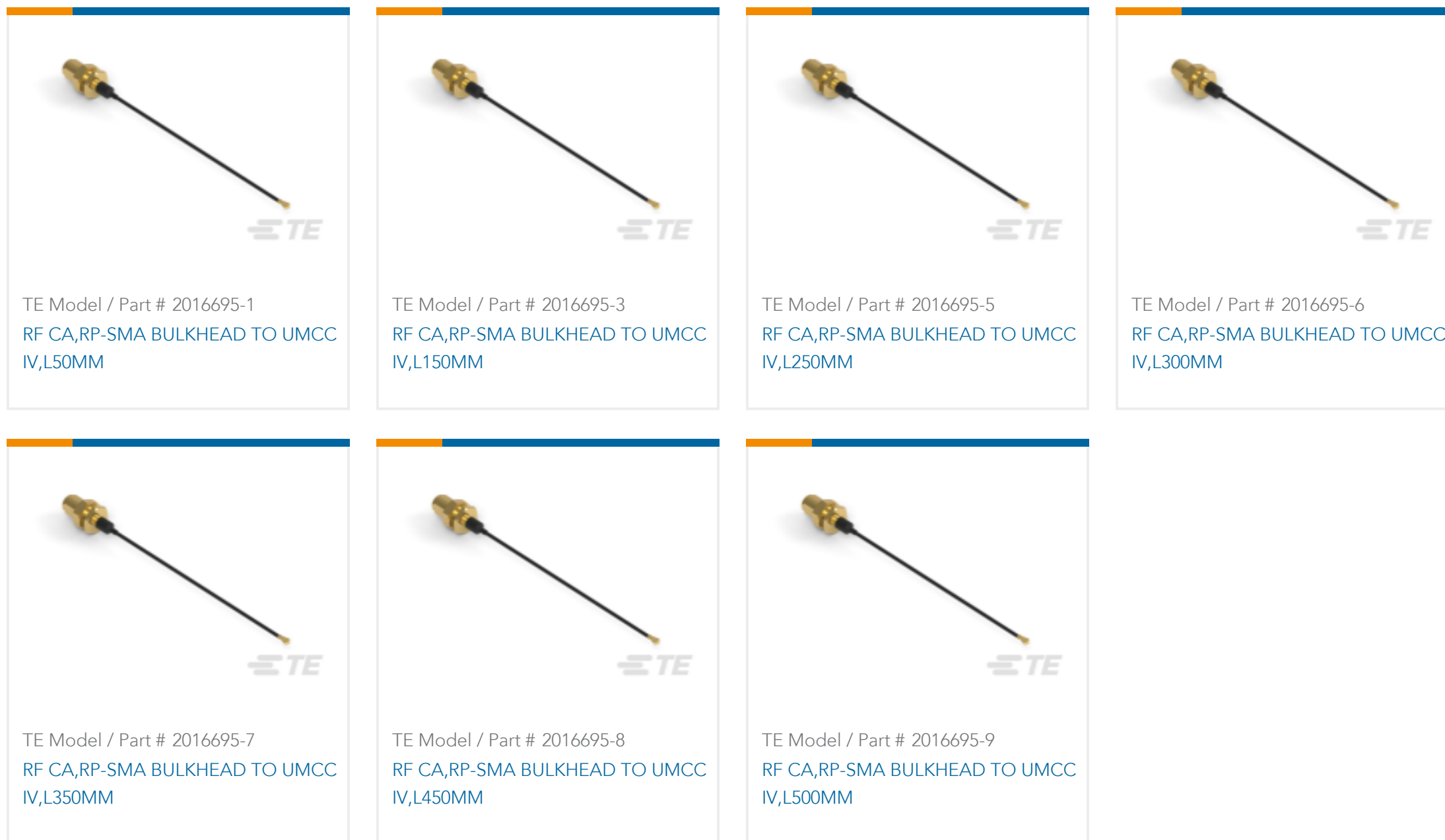
TE Model / Part # 2016693-7  
RF CA,RP-SMA BULKHEAD TO UMCC I,L350MM



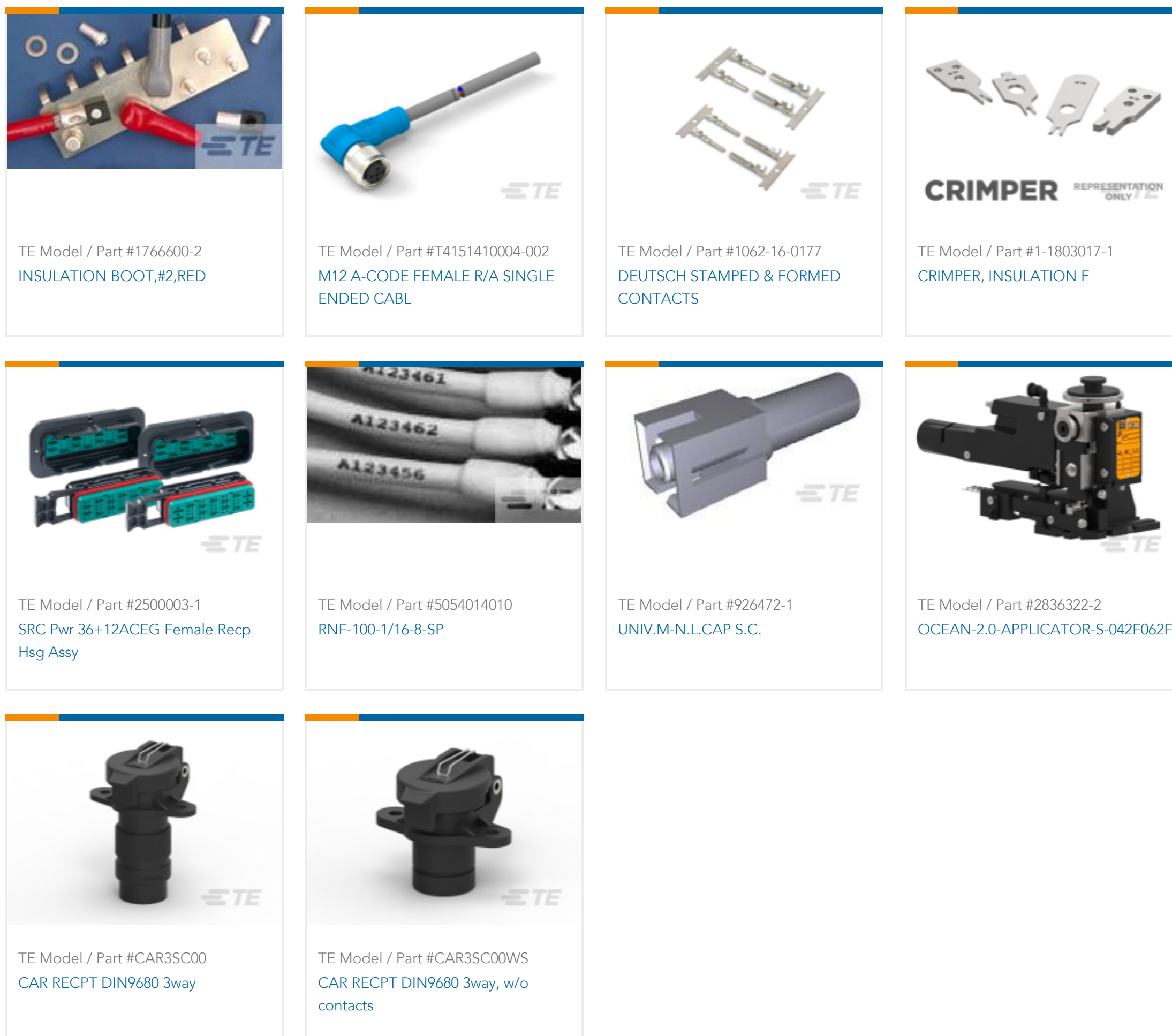
TE Model / Part # 2016693-8  
RF CA,RP-SMA BULKHEAD TO UMCC I,L450MM



TE Model / Part # 2016693-9  
RF CA,RP-SMA BULKHEAD TO UMCC I,L500MM



### Customers Also Bought



### Documents



### Product Drawings

#### WLAN Dual Band Terminal Antenna

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2195630-1\\_3.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2195630-1\\_3.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2195630-1\\_3.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

#### Datasheet 2195630-1

English

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### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English