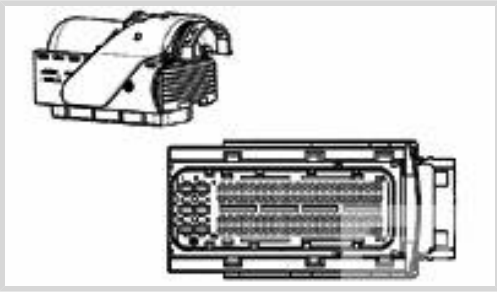




MQS

TE Internal #: 284743-1
Housing for Female Terminals, Wire-to-Board, 94 Position, 2.5 mm / 5.2 mm [.098 in / .205 in] Centerline, Sealable, Black, Wire & Cable
[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



Connector System: **Wire-to-Board**
Number of Positions: **94**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **2.5 mm, 5.2 mm [.098 in, .205 in]**
Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(360\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	94
Number of Rows	4

Electrical Characteristics

Operating Voltage	24 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Black

Contact Features

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Contact Size	.64mm, 1.5mm, 2.8K
Contact Type	Receptacle
Mating Tab Width	.63 mm, 1.5 mm, 2.8 mm[.025 in][.06 in][.11 in]
Contact Current Rating (Max)	3.5 A, 6 A, 7.5 A, 11 A, 14 A, 20 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Polarization Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.5 mm, 5.2 mm[.098 in][.205 in]

Dimensions

Connector Height	74.3 mm[2.925 in]
Product Width	46 mm[1.811 in]
Product Length	97 mm[3.819 in]
Row-to-Row Spacing	5 mm[.197 in]

Usage Conditions

Operating Temperature (Max)	120 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

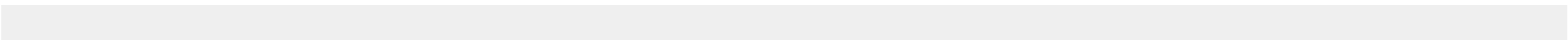
Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

Product Compliance

For compliance documentation, visit the product page on TE.com>



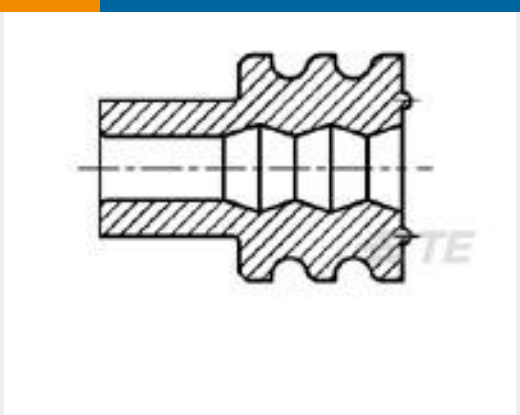







EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability







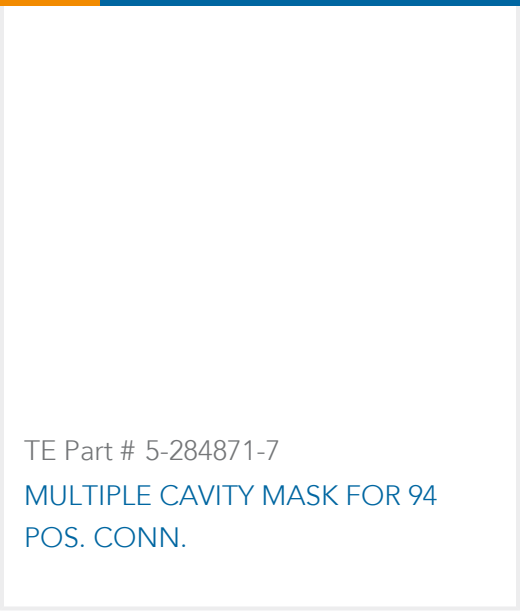




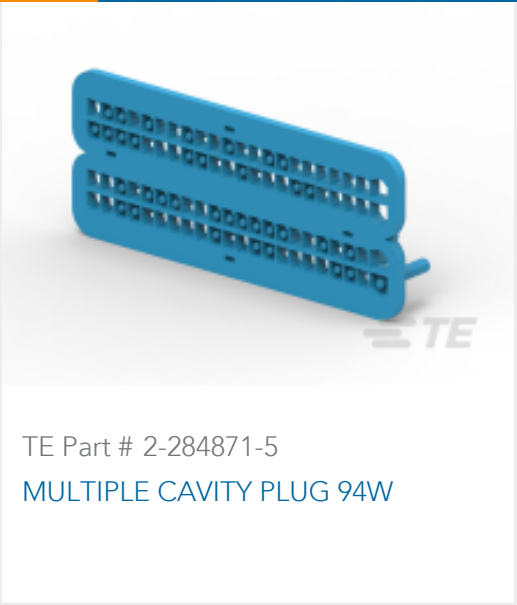
Product Compliance Disclaimer

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>




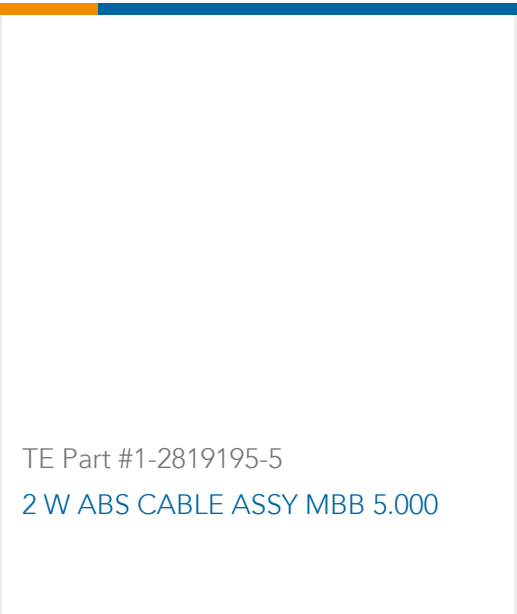
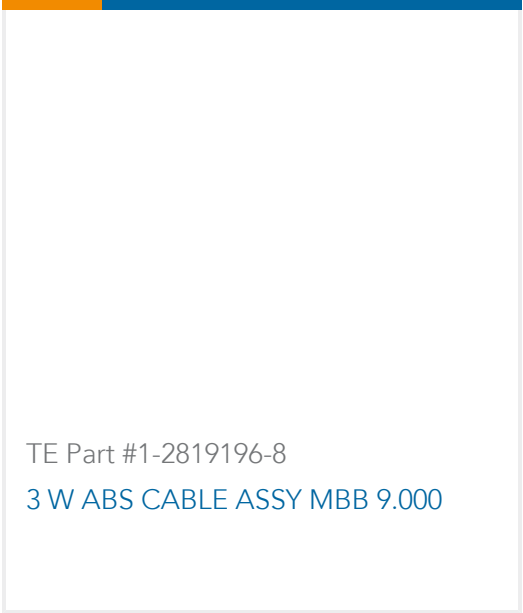
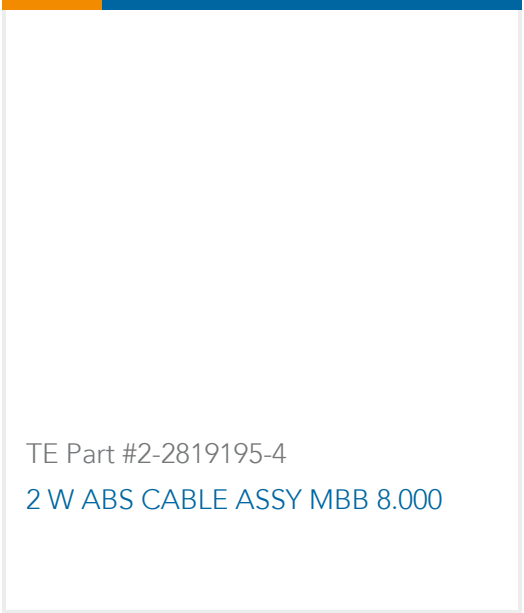
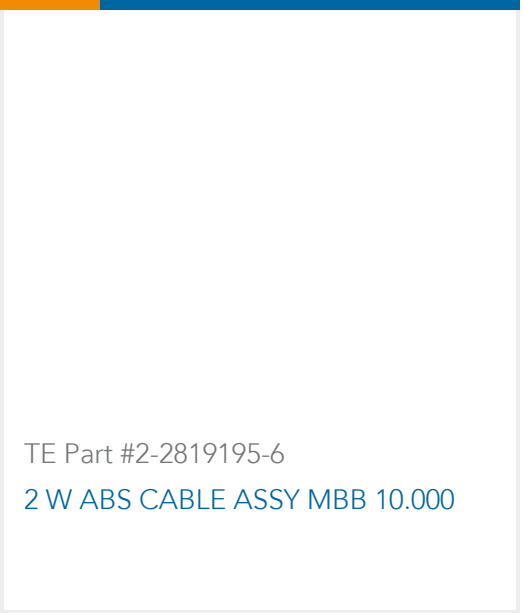
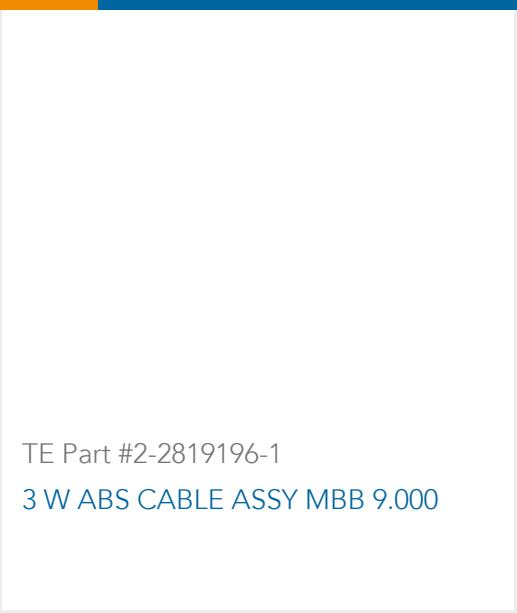
Compatible Parts

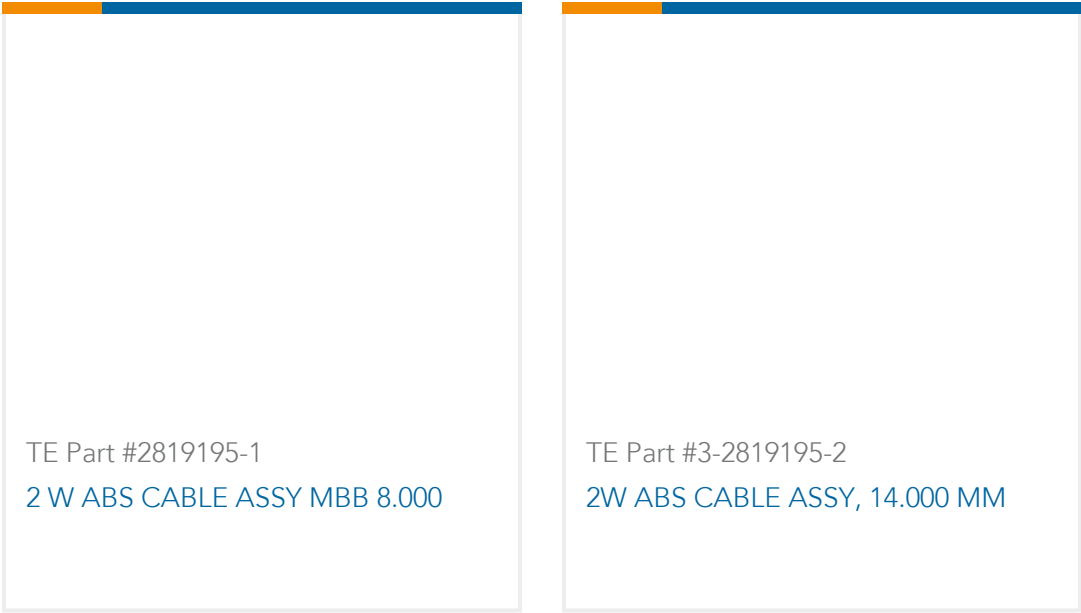
 <p>TE Part # 828922-1 2,5MM CAVITY PLUG FOR 5,4MM DI</p>	 <p>TE Part # 963293-1 SEALING F JPT+2,8</p>	 <p>TE Part # 963292-1 WIRE SEALING 2,2</p>	 <p>TE Part # 963294-1 SINGLE WIRE SEAL INSULATION DI</p>
 <p>TE Part # 284617-1 154pos hybrid MQS .63 header 90deg sld.</p>	 <p>TE Part # CAT-AM705-T273 AMP MCP, RECEPTACLE AND TAB</p>	 <p>TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB</p>	 <p>TE Part # 1394872-1 SEALING PLUG 1,5MM</p>



Customers Also Bought



Documents

Product Drawings

94POS MIXED MQS REC SEALED

English

CAD Files

Customer View Model

ENG_CVM_CVM_284743-1_E.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284743-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284743-1_E.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English