

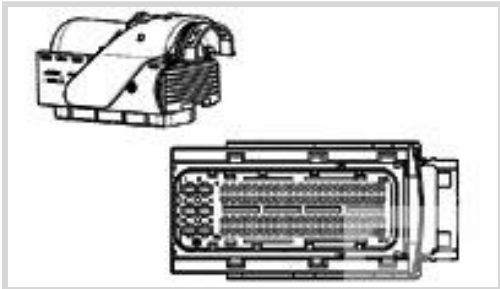


MQS

TE Internal #: 284743-1  
Housing for Female Terminals, Wire-to-Board, 94 Position, 2.5 mm / 5.2 mm [.09 in / .2 in] Centerline, Sealable, Black, Wire & Cable, Power & Signal

[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 [ .09 in, .2 in ]**  
Sealable: **Yes**

[All MQS, CONNECTOR HOUSING \(351\)](#)

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	24 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Black



Contact Features

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	No
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 [.09 in][.2 in]

Dimensions

Connector Height	46 mm[1.82 in]
Product Width	54.5 mm[2.15 in]
Product Length	97 mm[3.81 in]
Row-to-Row Spacing	3 mm, 7.7 mm [.12 in][.3 in]

Usage Conditions

Operating Temperature (Max)	125 °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>

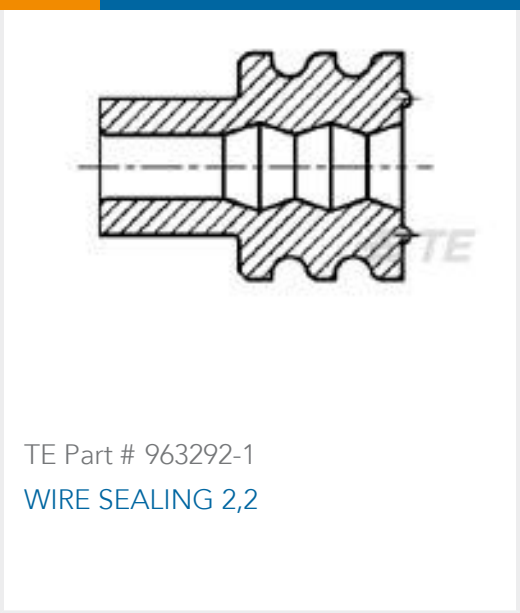
Compatible Parts




TE Part # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI




TE Part # 963293-1  
SEALING F JPT+2,8




TE Part # 963292-1  
WIRE SEALING 2,2




TE Part # 963294-1  
SINGLE WIRE SEAL INSULATION DI




TE Part # 284617-1  
154pos hybrid MQS .63 header 90deg sld.



TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB







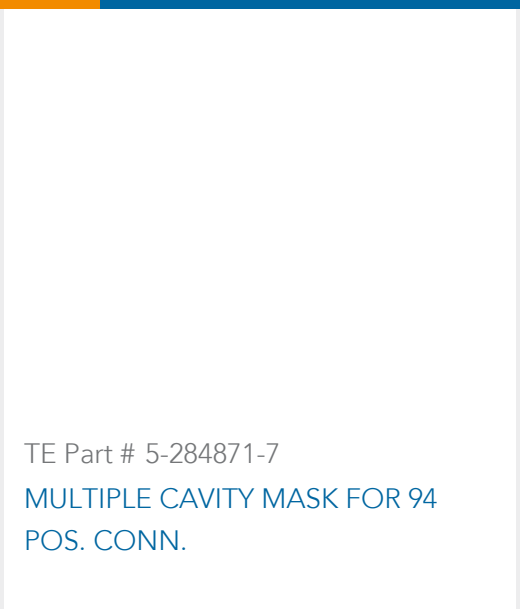







TE Part # CAT-M8793-T273  
MQS, RECEPTACLE AND TAB




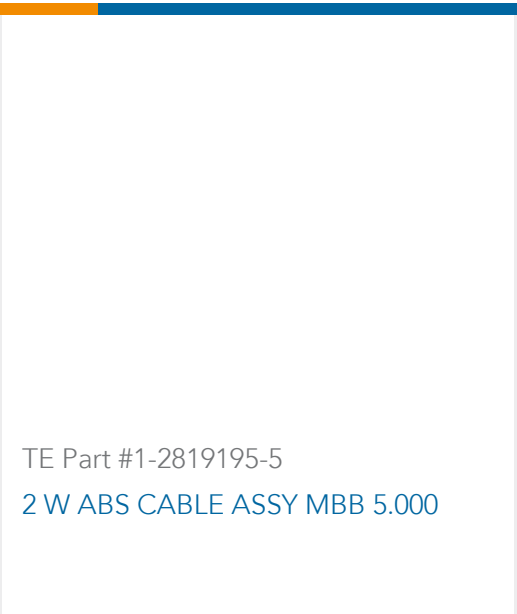
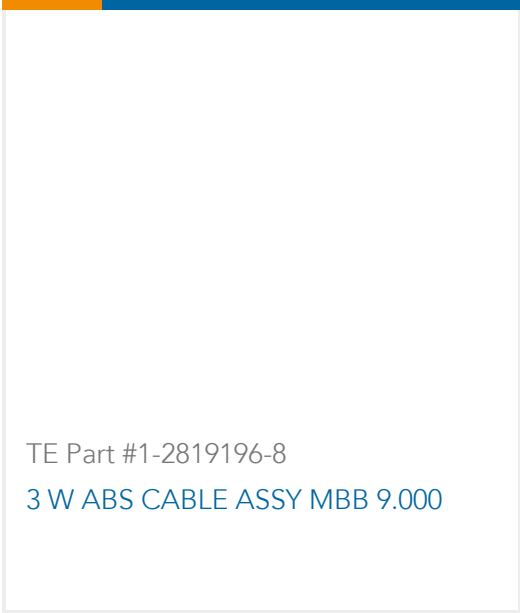
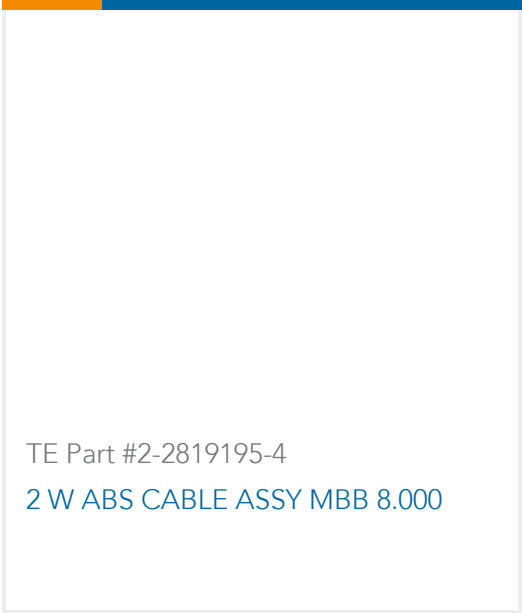
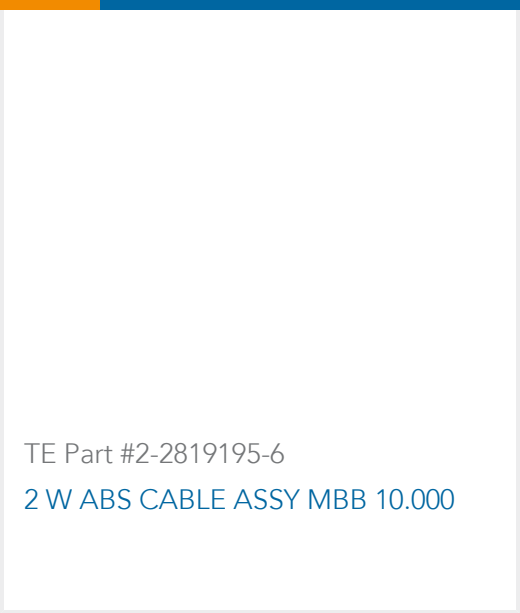
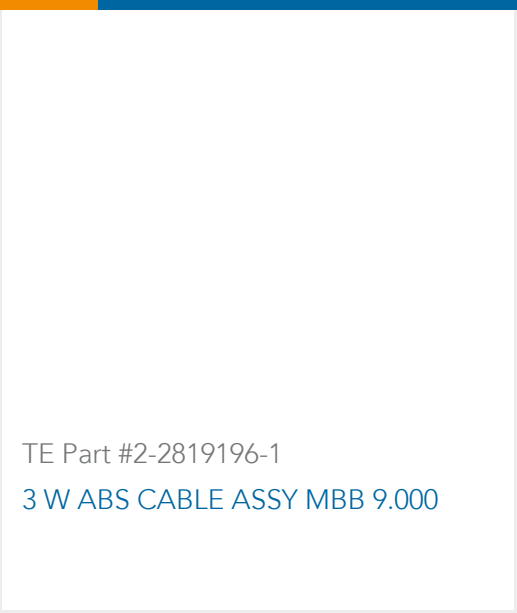


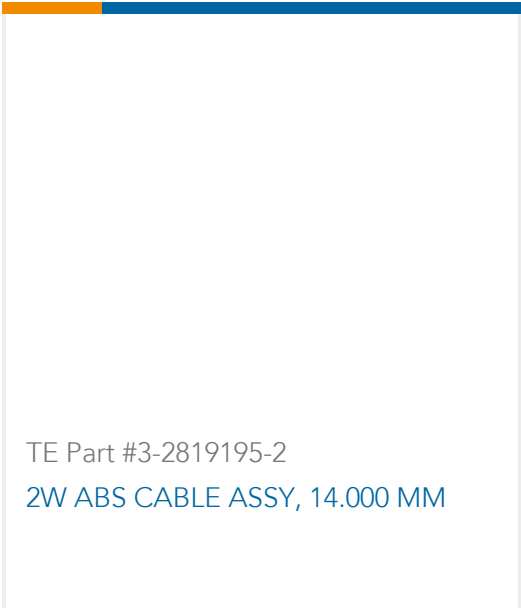
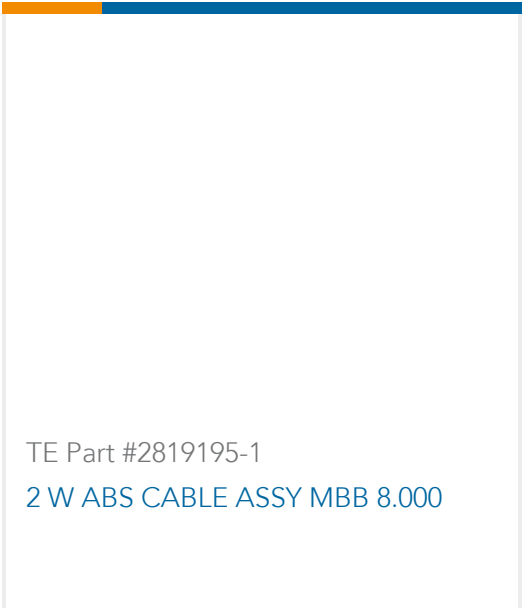
TE Part # 1394872-1  
SEALING PLUG 1,5MM



 <p>TE Part # 2-1355125-1 MQS AUFNAHMEGEH 94P</p>	 <p>TE Part # 5-284871-2 MULTIPLE CAVITY MASK FOR 94 POS. CONN.</p>	 <p>TE Part # 284583-1 CAVITY PLUG FOR 64 POS CONNECT</p>	 <p>TE Part # 284724-1 CPA FOR 60 AND 94 CONNECTORS</p>
 <p>TE Part # 4-284871-6 MULTIPLE CAVITY MASK FOR 94 POS. CONN.</p>	 <p>TE Part # 5-284871-3 94POS,MQS CB,CAVITY BLOCK, COLOR BLACK</p>	 <p>TE Part # 5-284871-7 MULTIPLE CAVITY MASK FOR 94 POS. CONN.</p>	 <p>TE Part # 284722-1 COVER FOR 94 POS. RECEPTACLE HOUSING</p>
 <p>TE Part # 1-284871-2 MULTIPLE CAVITY PLUG 94W</p>	 <p>TE Part # 2-284871-2 MULTIPLE CAVITY MASK 94 WAYS</p>	 <p>TE Part # 2-284871-3 MULTIPLE CAVITY MASK 94W</p>	 <p>TE Part # 2-284871-5 MULTIPLE CAVITY PLUG 94W</p>

Customers Also Bought

 <p>TE Part #T1620063120-000 H6B-SDR-M20</p>	 <p>TE Part #144479-1 CET 2 POS ASSY FOR JPT</p>	 <p>TE Part #4755453001 44A0111-20-2CK0300</p>	 <p>TE Part #1-2819195-5 2 W ABS CABLE ASSY MBB 5.000</p>
 <p>TE Part #1-2819196-8 3 W ABS CABLE ASSY MBB 9.000</p>	 <p>TE Part #2-2819195-4 2 W ABS CABLE ASSY MBB 8.000</p>	 <p>TE Part #2-2819195-6 2 W ABS CABLE ASSY MBB 10.000</p>	 <p>TE Part #2-2819196-1 3 W ABS CABLE ASSY MBB 9.000</p>



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