2308956-9 ✔ ACTIVE

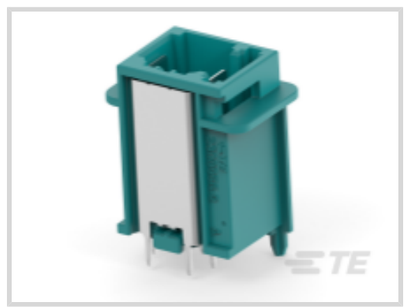
MATEnet

TE Internal #: 2308956-9

Vertical, Wire-to-Board, 2 Position, 1 Row, 1.8mm [.071in] Centerline, Tin (Sn), Printed Circuit Board, 3A Contact Current Rating (Max), Signal, Blue

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **3 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

Centerline (Pitch): **1.8 mm [.071 in]**

Features

Product Type Features

Mixed & Hybrid Header	No
Header Type	Fully Shrouded
Connector Shape	Rectangular
Connector Product Type	Connector Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC

Body Features

Connector & Keying Code	Z
Primary Product Color	Blue

Contact Features

Mating Tab Thickness	.4 mm[.016 in]
Contact Type	Tab
Mating Tab Width	.5 mm[.019 in]
Contact Current Rating (Max)	3 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.8 mm[.071 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Tape & Reel

Product Compliance

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

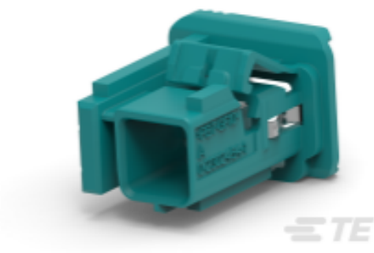
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

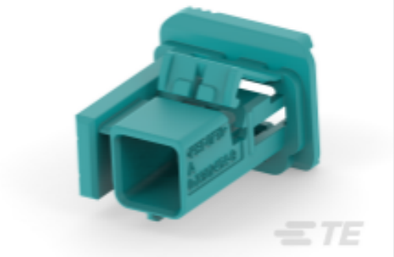
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

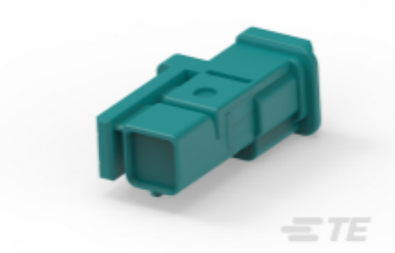


TE Part # 2302510-9
1-PORT MATENET FRAME,STP, COD Z

TE Part # 2304374-7
NANOMQS,SOLDER, PLATED



TE Part # 2302454-9
1-PORT MATENET FRAME,UTP, COD Z

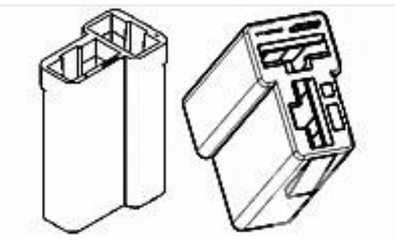


TE Part # 2328991-9
MATENET 1PORT PLUG HSG

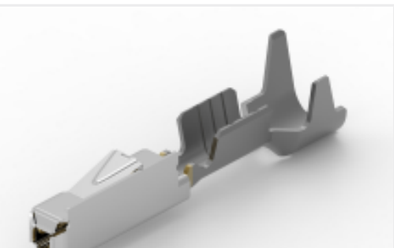
Customers Also Bought



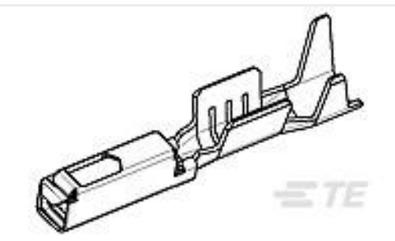
TE Part #61758-1
187 FASTON REC 20-16 AWG BR



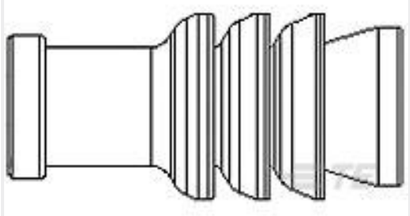
TE Part #180907
FF 250 REC HSG 2P NYLON NAT



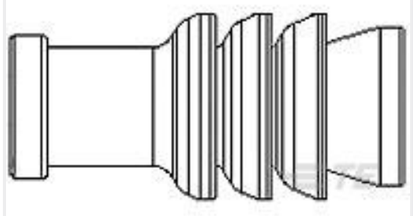
TE Part #CAT-N01-AT063064
0.63 mm to 0.64 mm Automation Ready Terminals for Advanced Automotive Wire Harness Assembly Automation



TE Part #929396-1
BU-KONTAKT 0,63X1,2



TE Part #963142-2
SWS,MQS,CVTY DIA,4.0,GRY



TE Part #967056-1
MQS BLINDSTOPFEN4MM



TE Part #7-1452668-3
MCON 1.2 LL REC SWS AG



TE Part #1801176-1
2W RECEPTACLE HPSL CONNECTOR BLACK



TE Part #1393431-3
V23540M7700Y 55=5 POL POT.VERT

Documents

Product Drawings

1-PORT MATENET HDR ASSY 180DEG, COD Z

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2308956-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2308956-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2308956-9_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English