178811-2 ✔ ACTIVE

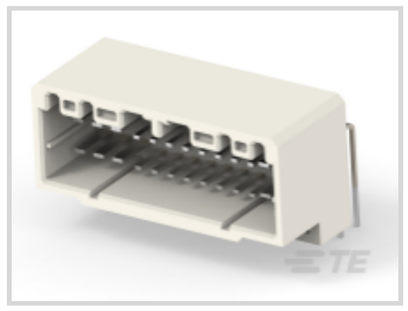
MULTILOCK | Multilock Connector System

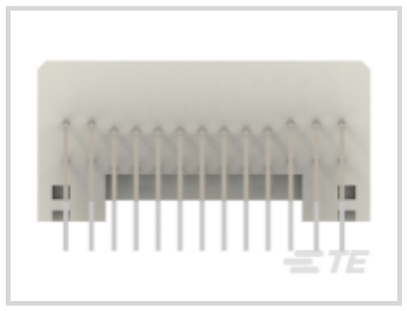
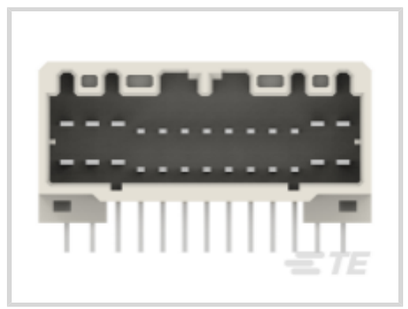
TE Internal #: 178811-2

Horizontal, Wire-to-Board, 26 Position, 2 Row, 3mm / 3.5mm [.118in / .138in] Centerline, Tin (Sn), Printed Circuit Board, Multilock Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers



PCB Mount Orientation: **Horizontal**

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

Sealable: **No**

Centerline (Pitch): **3 mm, 3.5 mm [.118 in, .138 in]**

Connector System: **Wire-to-Board**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	26
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Natural

Contact Features

Mating Tab Thickness	.64 mm[.025 in]
Contact Type	Tab
Mating Tab Width	1 mm, 1.8 mm[.039 in][.071 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Screw

Mechanical Attachment

Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3 mm, 3.5 mm[.118 in][.138 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Solder Process	Reflow Solder Capable
Circuit Application	Power & Signal

Packaging Features

Packaging Method	Tube

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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

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 # 178810-1
HYBRID I/O CAP HSG 26P

Also in the Series | Multilock Connector System



Automotive Headers(72)



Automotive Housings(158)



Automotive Seals & Cavity Plugs(1)



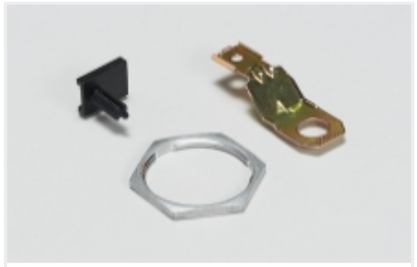
Automotive Signal & Power Connector Housings(153)



Connector Seals & Cavity Plugs(1)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(5)

Customers Also Bought



TE Part #2323854-2
TAB0.63X0.63,MS



TE Part #1-2355515-5
5POS,MCON 1.2,REC HSG ASSY,SLD, COD A

TE Part #1-2398001-4
USB TYPE C, RA HEADER ASSY CODE D AU 30U

TE Part #1-2398001-6
USB TYPE C, RA HEADER ASSY CODE E AU 30U

TE Part #1-2398001-7
USB TYPE C, RA HEADER ASSY CODE F AU 30U

TE Part #5-2435022-1
SWS,MCON 1.2,CVTY DIA,3.5-3.7,GRN

TE Part #5-2435022-2
SWS,0.64 SERIES,CVTY DIA,3.5-3.7,YEL

TE Part #5-2437332-1
SWS,MT 2,CVTY DIA,3.6,YEL

TE Part #1-2480610-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A

TE Part #1-2488440-1
4POS,MCON 1.2,REC HSG ASSY,SLD, COD A

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_178811-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_178811-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_178811-2_G.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_178811-2_F2.2d_dxf.zip

English

Customer View Model

ENG_CVM_178811-2_F2.3d_igs.zip

English

Customer View Model

ENG_CVM_178811-2_F2.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese