2237149-2 ✔ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 2237149-2

Horizontal, Wire-to-Board, 8 Position, 2 Row, 2.2mm [.08in] Centerline, Tin (Sn), Printed Circuit Board, Signal, Black, 0.64/025 Connector System

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Horizontal**

Termination Method to PCB: **Surface Mount**

Sealable: **No**

Centerline (Pitch): **2.2 mm [.08 in]**

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

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
Number of Signal Positions	8
PCB Mount Orientation	Horizontal
Number of Positions	8
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment	With
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.2 mm[.08 in]

Dimensions

Connector Width	18.2 mm[.716 in]
Connector Length	20.54 mm[.809 in]
Profile Height from PCB	13.6 mm[.535 in]

Usage Conditions

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

Operation/Application

Solder Process	Reflow Solder Capable
Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Reel
Packaging Quantity	160

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	Reflow solder capable to 245°C

Product Compliance Disclaimer

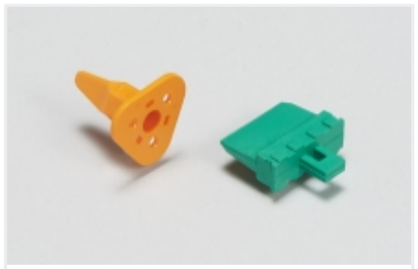
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING

Also in the Series | 0.64/025 Connector System



Automotive Connector Locks & Position Assurance(1)



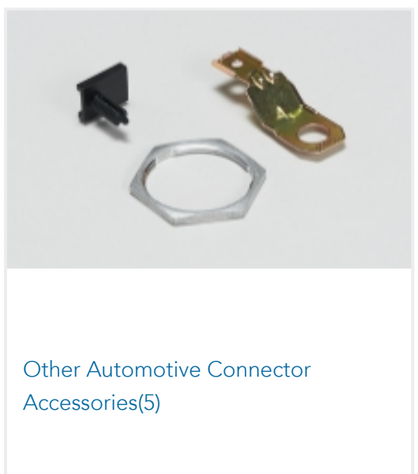
Automotive Housings(180)



Automotive Signal & Power Connector Housings(180)



Connector Seals & Cavity Plugs(2)



Other Automotive Connector Accessories(5)

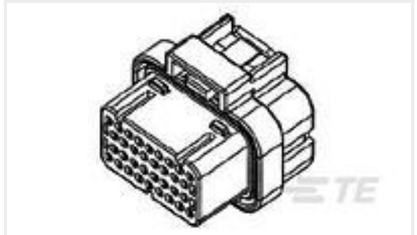
Customers Also Bought



TE Part #CAT-SIGH262
Signal Header



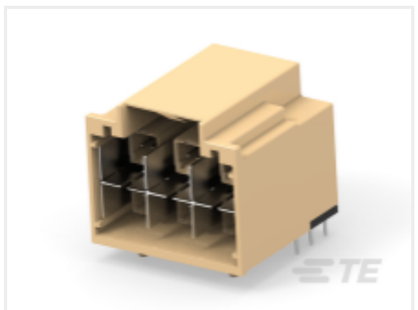
TE Part #4-1418469-1
6POS,AMP MCP1.5K,REC. HSG,CODD



TE Part #2-1437285-3
34POS,SUPERSEAL,REC HSG ASSY, SLD,COD 1



TE Part #2315739-3
8POS,0.50,HDR ASSY,180DEG,COD C, HSL



TE Part #1-2339800-7
MATENET,2X3-PORT,HDR,90DEG, COD J

TE Part #2330585-1
58POS,HYBRID,HDR ASSY,90DEG

TE Part #2330587-1
86POS,HYBRID,HDR ASSY,180DEG

TE Part #1-2350187-3
EBB2,ABS-MODUL,SUZHOU LITESURF,ASSY

Documents

Product Drawings

8POS,TAB0.64X0.64,HDR ASSY,90DEG,SMD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2237149-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2237149-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2237149-2_A.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 (U.S.)

English