1939403-2 ✔ ACTIVE

AMP | 0.64/025 Connector System

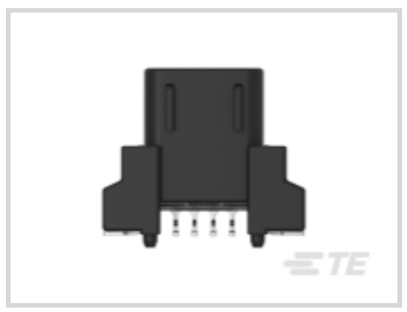
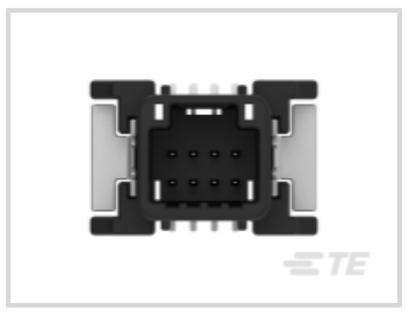
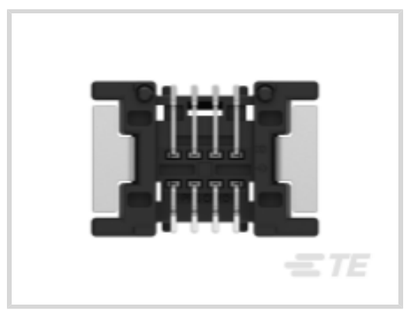
TE Internal #: 1939403-2

PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 2.2 mm [.087 in] Centerline, Fully Shrouded, Tin, Surface Mount, 0.64/025 Connector System

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > Press-Fit & SMT Header



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

Number of Positions: **8**

Centerline (Pitch): **2.2 mm [.087 in]**

Sealable: **No**

PCB Mount Orientation: **Vertical**

All Press-Fit & SMT Header (26)

Features

Product Type Features

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

Configuration Features

Number of Sections	1
Number of Signal Positions	8
Number of Positions	8
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Body Features

Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mounting Holes	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	2.2 mm[.087 in]

Dimensions

Connector Length	16.2 mm[.638 in]
Connector Width	23.8 mm[.937 in]
Profile Height from PCB	20 mm[.787 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	22
Packaging Method	Tube

Product Compliance

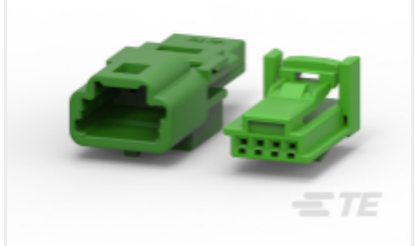
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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

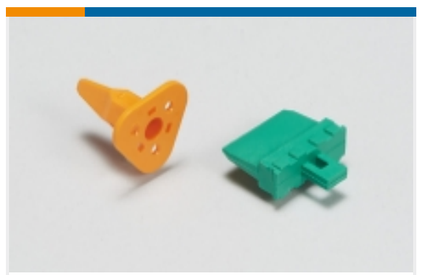


TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM, HOUSING

Also in the Series | 0.64/025 Connector System



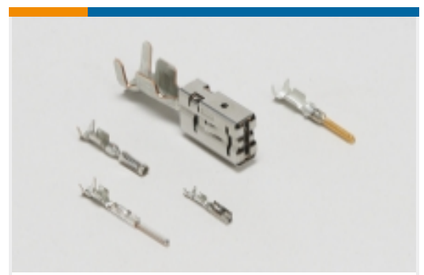
Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(127)



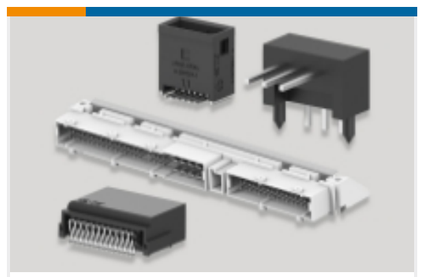
Automotive Terminals(16)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(4)

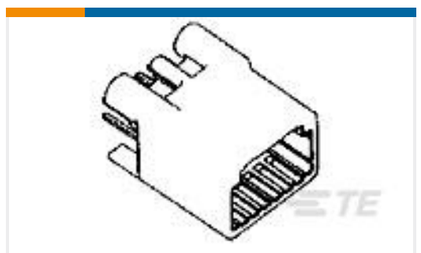


PCB Headers & Receptacles(158)

Customers Also Bought



TE Part #1-368067-2
MINI FUSE REC(JPT/PCB TYPE)



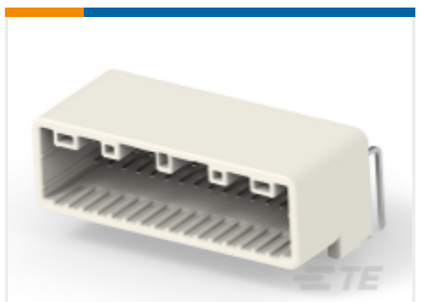
TE Part #1473898-6
025 12POS CAP ASSY V TIN



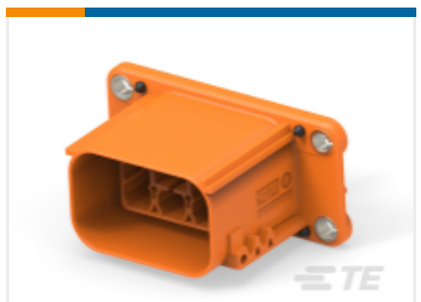
TE Part #1-2357501-1
2P MATE-AX,HDR ASSY,180DEG,COD A,CAP



TE Part #2-2437439-7
MQS,TERMINAL,STIFTE MAGAZ



TE Part #2326784-2
32POS,TAB0.64X0.64,HDR ASSY, 90DEG,SLDR



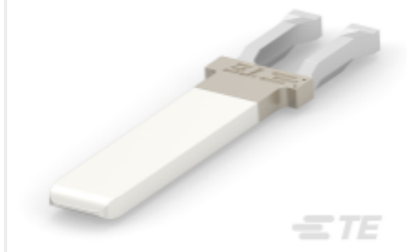
TE Part #2349367-1
5POS,HVA630,HDR ASSY



TE Part #1939608-4
0.64/2.3 SERIES 20POS.CAP HOUSING ASSY



TE Part #2391046-2
12POS,TAB0.64X0.64,HDR ASSY, 90DEG,SMD



TE Part #2407070-5
TAB2.8X0.8,AP,PLATED

Documents

Product Drawings

0.64 SMD 8P CAP ASSY V-TYPE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1939403-2_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1939403-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1939403-2_C.3d_stp.zip

English

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

Product Specifications

Application Specification

Japanese

.025 IDC Connectors

Japanese

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese

CRIMPING OF 0.64III RECEPTACLE CONTACT

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

English