172258-1 ✔ ACTIVE

AMP | 0.64/025 Connector System

TE Internal #: 172258-1

PCB Mount Header, Vertical, Wire-to-Board, 16 Position, 3 mm [.118 in] Centerline, Fully Shrouded, Tin (Sn), 0.64/025 Connector System

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > Signal Header



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

Number of Positions: **16**

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

Sealable: **No**

PCB Mount Orientation: **Vertical**

All Signal Header (299)

Features

Product Type Features

Mixed & Hybrid Header	No
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	16
Number of Positions	16
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 Type	Tab
Mating Tab Width	.64 mm[.025 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3 mm[.118 in]

Dimensions

Connector Length	18.1 mm[.713 in]
Connector Width	27.5 mm[1.083 in]
Profile Height from PCB	19.3 mm[.76 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

Packaging Features

Packaging Method	Tray

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	Low Halogen - Br, Cl, F, I < 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

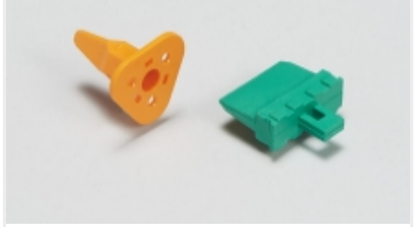
Compatible Parts

TE Part # 172252-2
16P CAP HSG D.L.I. CONN. V

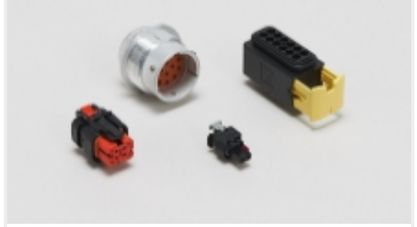
Also in the Series | 0.64/025 Connector System



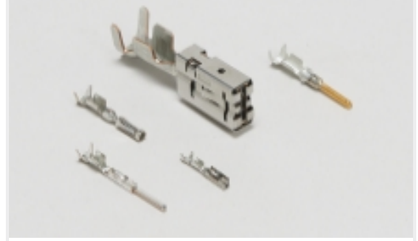
Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(127)



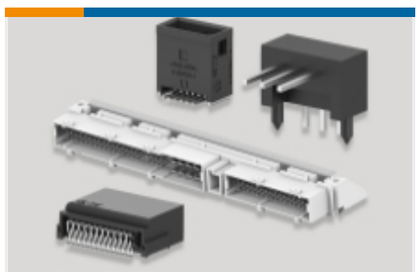
Automotive Terminals(16)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(4)

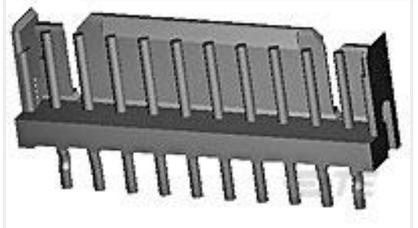


PCB Headers & Receptacles(158)

Customers Also Bought



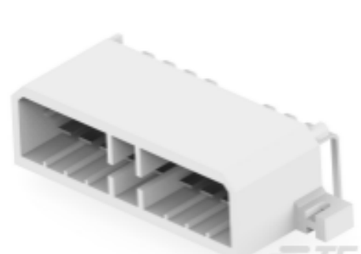
TE Part #1376136-1
DYNAMIC D2100 HDR H ASSY 6P X



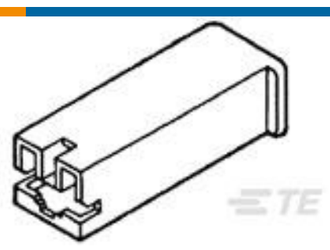
TE Part #1-292161-5
CT P/HDR ASSY V 15P W/KINK NAT



TE Part #5558310-1
MOD/JK,ASSY,8 POS,R/A,KEY/SHLD

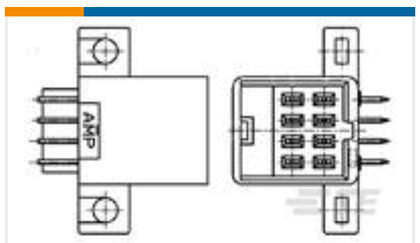


TE Part #171366-1
17P HOR CAP HSG WIRE TO PCB



TE Part #172076-4
POSITIVE LOCK 250 HOUSING RECEPTACLE

TE Part #3-1734579-4
MOD-JK,8P8C,SHD Reverse, thick, 50u" Au



TE Part #172244-1
DLI 8POS CAP ASSY H TIN



TE Part #172257-1
DLI 20POS CAP ASSY V TIN



TE Part #170100-2
.079 DIA PIN



TE Part #172143-1
DLI 20POS CAP ASSY H TIN

Documents

CAD Files

Customer View Model

ENG_CVM_172258-1_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_172258-1_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_172258-1_C1.2d_dxf.zip

English

3D PDF

English

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

Product Specifications

Product Specification

Japanese

Instruction Sheets

Customer Manual (non U.S.)

Japanese

Customer Manual (non U.S.)

English

DLI CONNECTORS

English

Customer Manual (non U.S.)

English

DLI CONNECTORS

English