2209129-1 ✔ ACTIVE

TE Internal #: 2209129-1

Horizontal, 64 Position, 4 Rows, 2.5mm / 3.7mm [.098in / .145in] Centerline, Tin (Sn), Printed Circuit Board, Power & Signal, Black, Board Mount

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Horizontal**

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

Sealable: **No**

Centerline (Pitch): **2.5 mm, 3.7 mm [.098 in, .145 in]**

Number of Positions: **64**

Features

Product Type Features

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

Configuration Features

Number of Sections	1
Number of Signal Positions	56
PCB Mount Orientation	Horizontal
Number of Positions	64
Number of Rows	4

Body Features

Primary Product Color	Black

Contact Features

Mating Tab Thickness	.63 mm, .8 mm[.025 in][.031 in]
Contact Type	Tab
Mating Tab Width	.64 mm, 1.5 mm[.059 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.5 mm, 3.7 mm[.098 in][.145 in]

Dimensions

Connector Width	68.05 mm[2.68 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Length	40.1 mm[1.58 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Tray
Packaging Quantity	15

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 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	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 # 2050859-1
CMC 64PIN JOINTER HOUSING

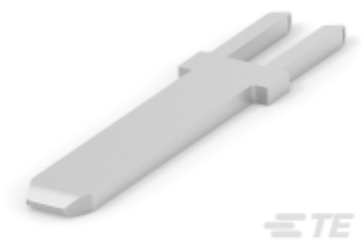
Customers Also Bought



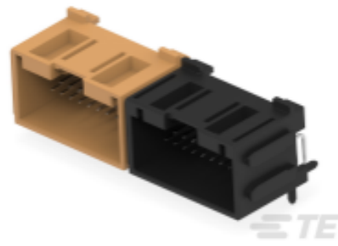
TE Part #1802824-6
8POS,TAB0.63X0.63,HDR ASSY, 90DEG,COD 3



TE Part #2050036-1
64P ECU PLUG CONNECTOR



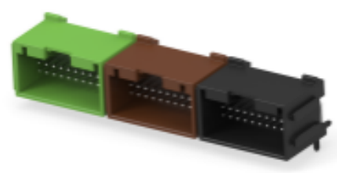
TE Part #2278531-2
MS POWER TERMINAL 2.80 X 0.80



TE Part #2317779-3
40POS,TAB0.63X0.63,HDR ASSY, 90DEG,SLDR



TE Part #2323854-4
TAB0.63X0.63,MS



TE Part #2336462-7
60POS,HYBRID,HDR ASSY,90DEG, SLDR

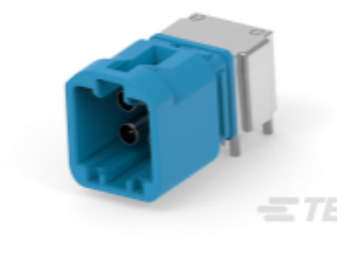


TE Part #1802824-5
8POS,TAB0.63X0.63,HDR ASSY, 90DEG,COD 2

TE Part #1-2005513-2
ECU 196P HDR ASSY- EXP



TE Part #2137755-1
Tilted cover for 94P ECU connector



TE Part #2321775-3
4P,MATE-AX,HDR ASSY,90DEG,COD C

Documents

Product Drawings

CMC 64PIN HEADER CONNECTOR ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2209129-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2209129-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2209129-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

PCB Mount Header, Right Angle, 64 Position

English