9-966140-4 ✔ ACTIVE

AMP | AMP MCP Connector System

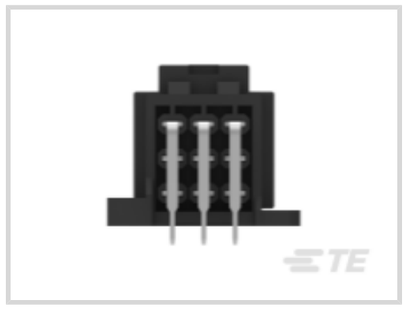
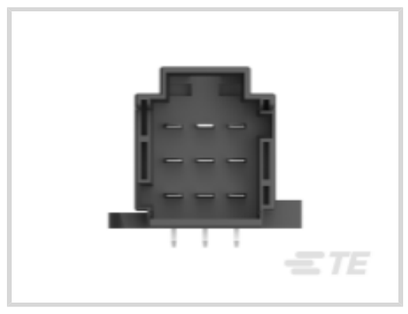
TE Internal #: 9-966140-4

AMP MCP Connector System, Automotive Headers, 9 Position, 3.5 mm [.138in] Centerline, Horizontal, 3 Row, Black, Through Hole - Solder, Tin (Sn)

View on TE.com >

Connectors > Automotive Connectors > Automotive Headers > AMP MCP UNSEALED HEADERS



Number of Positions: **9**

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

Sealable: **No**

PCB Mount Orientation: **Horizontal**

Number of Rows: **3**

All AMP MCP UNSEALED HEADERS (17)

Features

Product Type Features

Hybrid Header	No
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	9
Number of Positions	9
PCB Mount Orientation	Horizontal
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V
Operating Voltage	24 VDC

Body Features

Primary Product Color	Black

Contact Features

Mating Tab Width	5.8 mm[.228 in]
Mating Tab Thickness	.8 mm[.031 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Profile Height from PCB	26.2 mm[1.031 in]
Product Width	20.3 mm[.791 in]
Product Length	31 mm[1.221 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94HB

Packaging Features

Packaging Type	Tray

Packaging Quantity	168

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 260°C

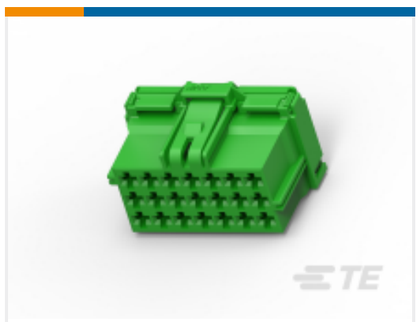
Product Compliance Disclaimer

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-T4827-CH8172
TIMER, CONNECTOR HOUSING



TE Part # CAT-AM705-CH8173
AMP MCP, UNSEALED CONNECTOR HOUSING

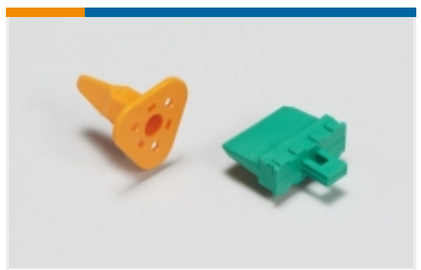


TE Part # CAT-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(8)



Automotive Headers(29)



Automotive Housings(352)

Automotive Seals & Cavity Plugs(6)

Automotive Terminals(124)

Insertion & Extraction Tools(13)

Other Automotive Connector Accessories(2)

Customers Also Bought



TE Part #1-1676966-1
SMD Power Resistor: 7 Watt, 200-2M Ohm



TE Part #103669-1
02 MTE HDR SRST LATCH W/HLDWN



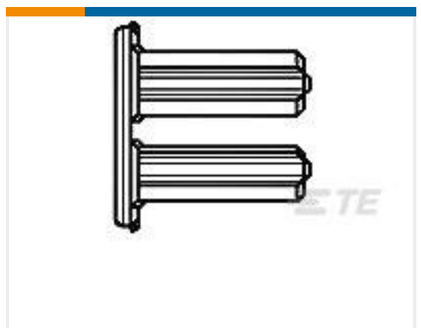
TE Part #103669-3
04 MTE HDR SRST LATCH W/HLDWN



TE Part #1564562-2
HEAVY DUTY CONNECTORS FIXING SLIDES



TE Part #1-967625-2
TIMER, CONNECTOR HOUSING



TE Part #967631-1
2. KONT-SICHERUNG 9P



TE Part #160655-4
FF 110 REC TERMINAL 20-15 AWG PTPPB



TE Part #1-1649328-5
RT314024

Documents

Product Drawings

MESSERLEISTE 9P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-966140-4_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-966140-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-966140-4_F.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

Product Environmental Compliance

TE Material Declaration

English