3-2219210-3 ✔ ACTIVE

AMP MCP Connector System, AMP MCP Hybrids

TE Internal #: 3-2219210-3

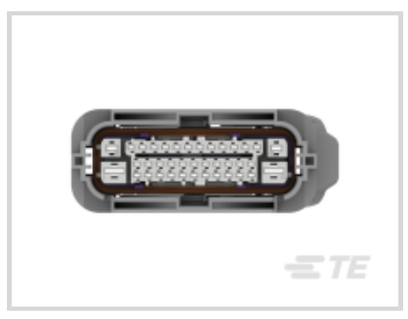
12 V, 38 Position, Automotive Housing for Female Terminals, Wire-to-Board, 4 mm [.15 in] Centerline, Sealable, Gray, Wire & Cable, Power, Hybrid

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING







Nominal Voltage Architecture: **12 V**

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: **38**

Sealable: **Yes**

Operating Temperature Range: **-40 – 130 °C [-40 – 266 °F]**

All AMP MCP, SEALED CONNECTOR HOUSING (97)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	38
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Gray
Connector & Keying Code	2

Contact Features

Contact Size	1.5K, 2.8K, 6.3mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm, 2.8 mm, 6.3 mm[.05 in][.11 in][.24 in]

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.15 in]

Dimensions

Row-to-Row Spacing	4 mm[.157 in]
Product Width	36.1 mm[1.42 in]
Product Length	93.59 mm[3.68 in]
Connector Height	49.83 mm[1.96 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operating Temperature (Max)	130 °C[266 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94HB

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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: JAN 2025 (247) 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 applicable 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 # 1-2219215-3
HYB SLD 38P COVER HSG W/O CPA GRY



TE Part # CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part # 2219215-2
HYB SLD 38P COVER ASSY

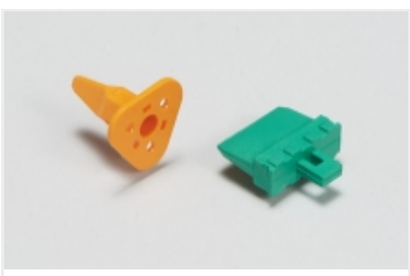


TE Part # 2219215-1
HYB SLD 38P COVER ASSY



TE Part # 1-2219215-2
HYB SLD 38P COVER HSG W/O CPA

Also in the Series | AMP MCP Connector System



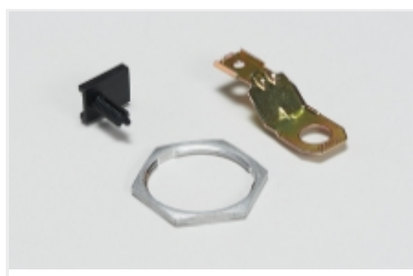
Automotive Connector Locks & Position Assurance(5)



Automotive Housings(44)



Automotive Seals & Cavity Plugs(6)

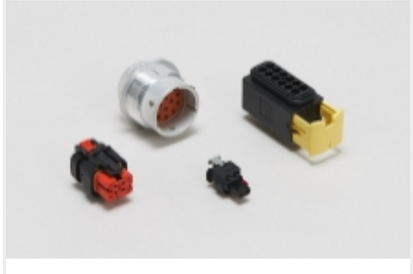


Other Automotive Connector Accessories(4)

Also in the Series | AMP MCP Hybrids



Automotive Connector Caps & Covers (4)



Automotive Housings(44)



Automotive Signal & Power Connector Housings(4)

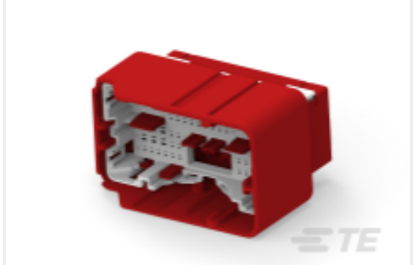


Automotive Signal & Power Headers(8)

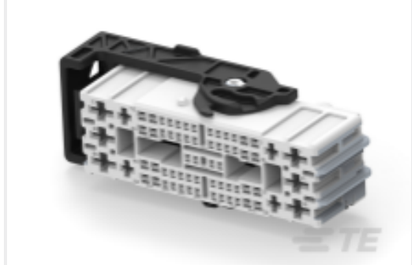
Customers Also Bought



TE Part #2188701-3
020/060 35P PLUG ASSY GRY



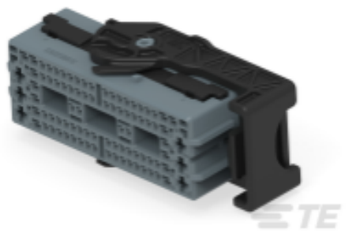
TE Part #2350788-6
74POS,HYBRID,TAB HSG ASSY,UNSLD



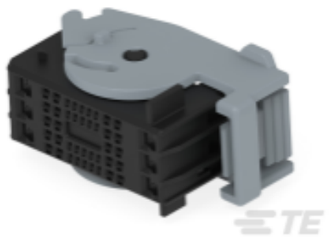
TE Part #2389766-1
66POS,HYBRID,REC HSG ASSY



TE Part #2389770-1
88POS,HYBRID,REC HSG ASSY, UNSLD,COD A



TE Part #1-2389770-3
88POS,HYBRID,REC HSG ASSY, UNSLD,COD B



TE Part #2005585-2
LIF 46P PLUG ASSY



TE Part #2312414-1
ACU 36P COVER HSG



TE Part #2321369-6
TPA REC HSG,119POS,MCON 1.2



TE Part #2365978-2
025 36P PLUG ASSY

TE Part #2389775-6
47POS,HYBRID,REC HSG ASSY,RED

Documents

Product Drawings

HYB SLD 38P PLUG ASSY(L) TYPE2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2219210-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2219210-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2219210-3_E.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

HYB SEALED 38POS PLUG ASSEMBLY