2188701-3 ✔ ACTIVE

TE Internal #: 2188701-3

12 V, 35 Position, Automotive Housing for Female Terminals, Wire-to-Board, 2 mm / 3.2 mm [.07 in / .12 in] Centerline, Gray, Wire & Cable

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Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **35**

Sealable: **No**

Operating Temperature Range: **-40 – 105 °C [-40 – 221 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	35
Number of Rows	4

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Gray

Contact Features

Contact Size	.5mm, 1.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm, 1.5 mm[.02 in][.06 in]
Contact Current Rating (Max)	4 A

Mechanical Attachment

Terminal Position Assurance	No
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2 mm, 3.2 mm[.07 in][.12 in]

Dimensions

Product Width	20 mm[.78 in]
Row-to-Row Spacing	3.45 mm[.13 in]
Product Length	28.8 mm[1.13 in]
Connector Height	22.2 mm[.87 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operating Temperature (Max)	105 °C[221 °F]

Operation/Application

Circuit Application	Power & Signal

Other

Connector Position Assurance Capable	No

Product Compliance

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

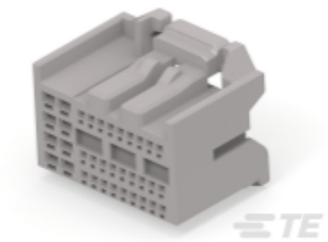
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 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 # 2188702-3
020/060 35P PLUG HSG GRY

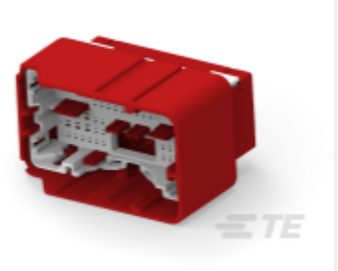
Customers Also Bought



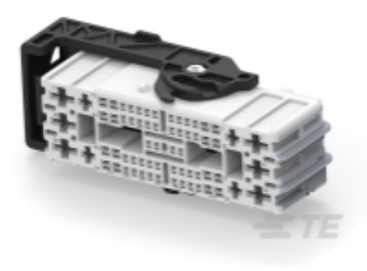
TE Part #2109006-1
060 REC(SS) CONT



TE Part #3-2219210-3
HYB SLD 38P PLUG ASSY(L) TYPE2



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

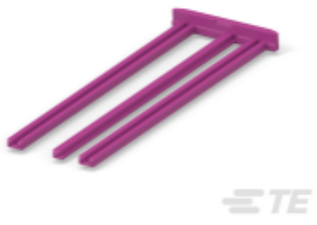


TE Part #2005585-2
LIF 46P PLUG ASSY

TE Part #2219299-1
020K REC CONTACT



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

Documents

Product Drawings

020/060 35P PLUG ASSY GRY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2188701-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2188701-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2188701-3_D.3d_stp.zip

English

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Product Specifications

Application Specification

English