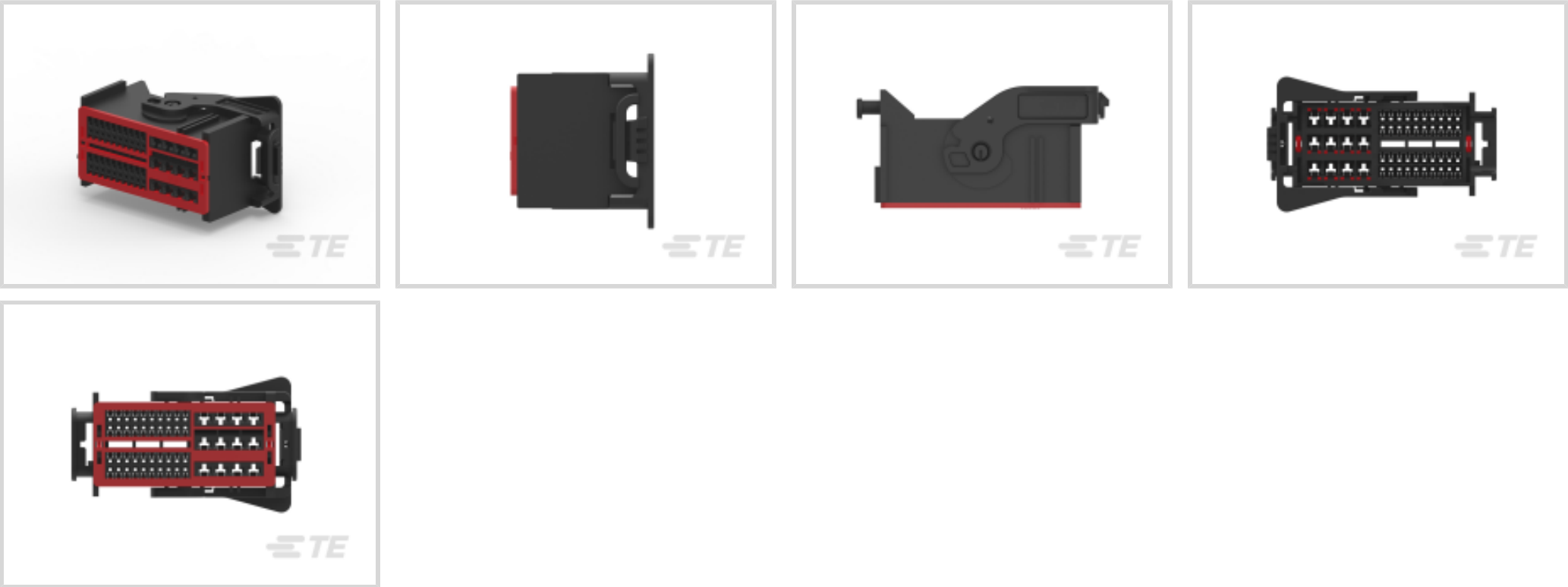




Connectors > Automotive Connectors > Automotive Housings



Number of Positions: 52

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

Mating Tab Width: **2.8 mm, .64 mm [.025 in, .11 in]**

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

Centerline (Pitch): **2.54 mm, 5 mm [.1 in, .2 in]**

Features

Dimensions

Product Width	31.6 mm[1.24 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Product Length	68.2 mm[2.68 in]
Connector Height	46.7 mm[1.83 in]

Packaging Features

Packaging Method	Tray
Packaging Quantity	27

Mechanical Attachment

Strain Relief	With
Terminal Position Assurance	Yes
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Body Features

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Cable Exit Angle	180°
Primary Product Color	Black

Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.54 mm, 5 mm[.1 in][.2 in]

Contact Features

Contact Size	2.8mm, .64mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm, .64 mm[.025 in][.11 in]

Product Type Features

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

Configuration Features

Number of Positions	52
Number of Rows	4

Operation/Application

Circuit Application	Signal
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Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

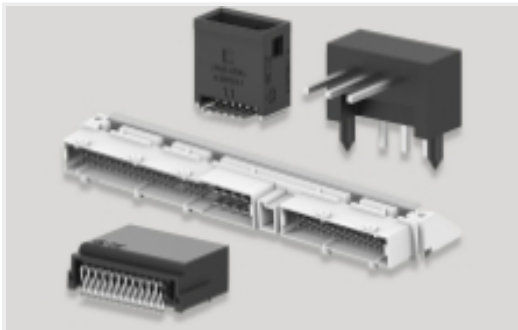
TE Part # 638283-1
TPA,52P HYBRID PLUG

Also in the Series | AMP 0.64 Connector System

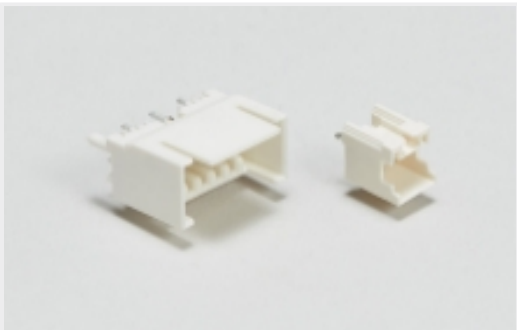
Automotive Connector Caps & Covers (9)	Automotive Headers(5)	Automotive Housings(14)	Automotive Terminals(8)



Insertion & Extraction Tools(1)

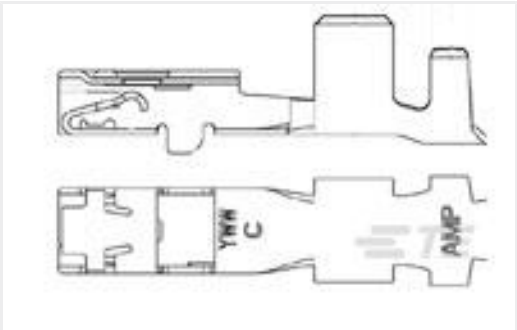


PCB Headers & Receptacles(5)



Wire-to-Board Headers & Receptacles (5)

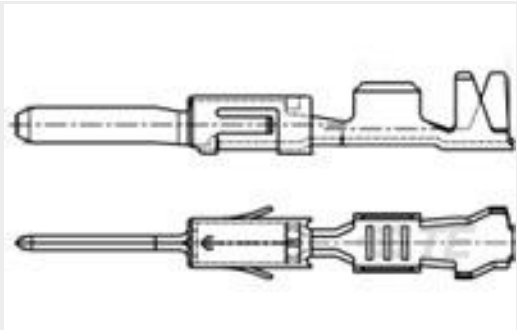
Customers Also Bought



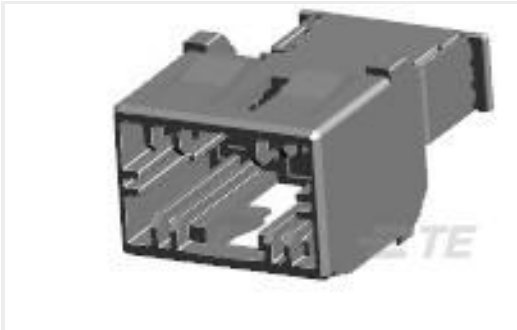
TE Part #1326030-6
2.8MM RECP,UNSEAL,18-20,REVREE



TE Part #CAT-M4595-T273
MCON Receptacle and Tab



TE Part #963902-1
TAB A 1.6x0.6 CONTACT CS SWS Sn



TE Part #1355290-1
9,5 TAB HOUSING 2POS,BLACK



TE Part #1718149-1
AMP MCP 2.8 SOCKET HSG 16 POS. ASSY



TE Part #1563126-1
2. LOCK,10 POS MALE HOUSING



TE Part #284818-2
1 WAYS CONNECTOR F.GLOW PLUG - RED VERS.



TE Part #7-1452665-3
MCON 1.2 LL REC SWS AG

Documents

Product Drawings

52 pos plug assy, 0.64 and 2.8

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2203937-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2203937-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2203937-4_A.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

Application Specification

English

Application Specification

English