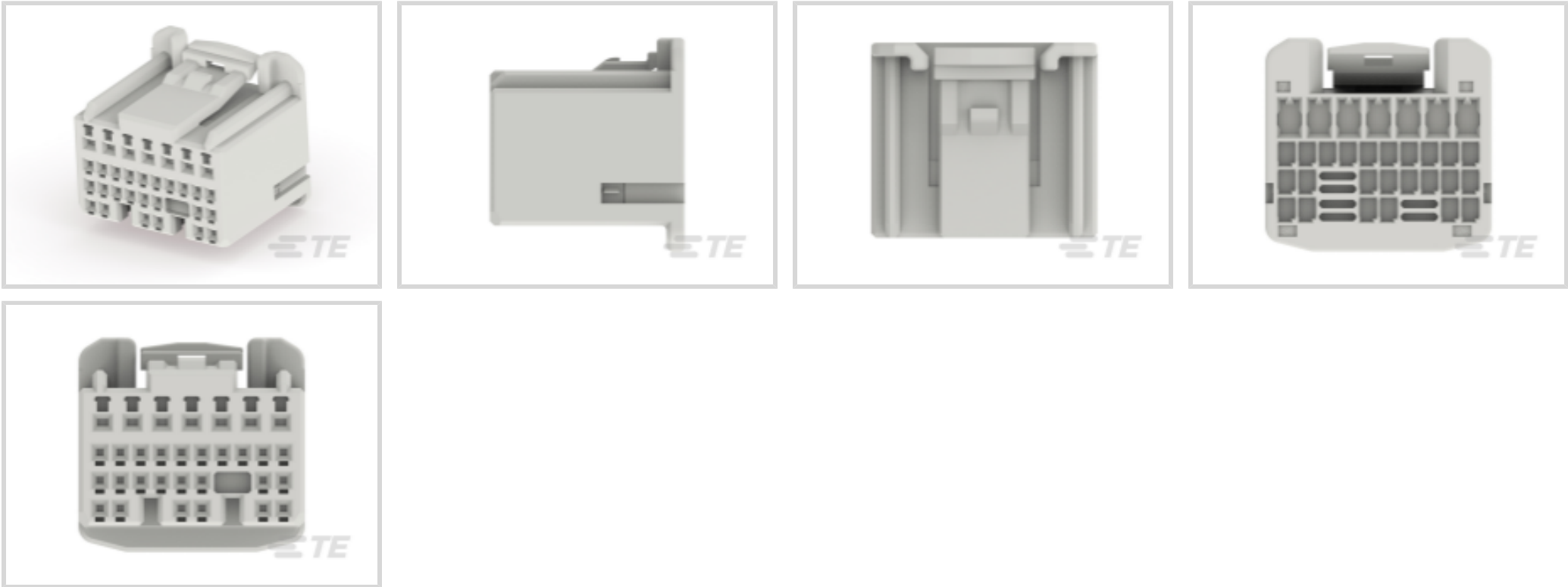




Connectors > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



Number of Positions: 31

Connector & Housing Type: Housing for Female Terminals

Mating Tab Width: .64 mm, 1 mm [.025 in, .04 in]

Connector System: Wire-to-Board

Centerline (Pitch): 2.2 mm, 3.2 mm [.08 in, .12 in]

[All TH/.025 Connector System, Housing \(171\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	31
Number of Rows	4

Electrical Characteristics

Operating Voltage	12 VDC
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Body Features

Cable Exit Angle	180°
Primary Product Color	Natural

Contact Features

Contact Size	.64mm, 1mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 1 mm[.025 in][.04 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.2 mm, 3.2 mm[.08 in][.12 in]

Dimensions

Row-to-Row Spacing	3 mm[.11 in]
Product Width	21 mm[.82 in]
Product Length	24.4 mm[.96 in]
Connector Height	23 mm[.9 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	100
Packaging Method	Package

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # CAT-HPCH5372
High Pin Count Header



TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part # CAT-T319-T273
TH/.025 CONNECTOR SYSTEM,
RECPT AND TAB

Also in the Series | 0.64/025 Connector System



Automotive Connector Caps & Covers
(5)



Automotive Connector Locks &
Position Assurance(1)



Automotive Headers(149)



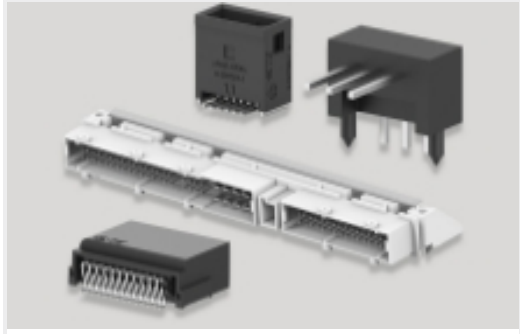
Automotive Housings(120)



Connector Seals & Cavity Plugs(1)



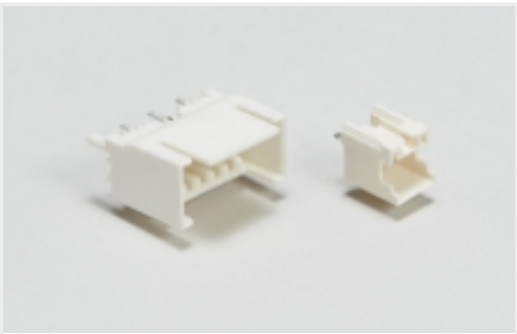
Other Automotive Connector
Accessories(4)



PCB Headers & Receptacles(149)



Rectangular Power Connectors(6)



Wire-to-Board Headers & Receptacles
(149)

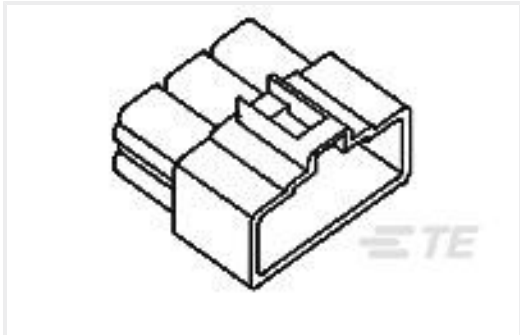
Customers Also Bought



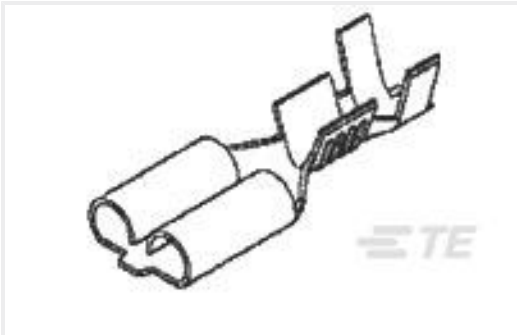
TE Part #1-1747277-3
DYNAMIC D4200 V-HDR ASSY 3P/X



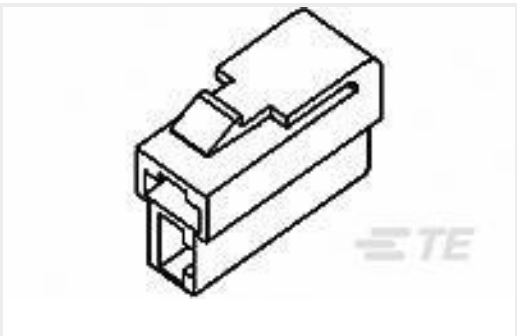
TE Part #2-2176330-5
CRGP 2010 1K0 1%



TE Part #172133-2
FF 250 REC HSG 4P NYLON BLACK



TE Part #170342-1
250 FASTON,REC.,20-14 AWG,BR



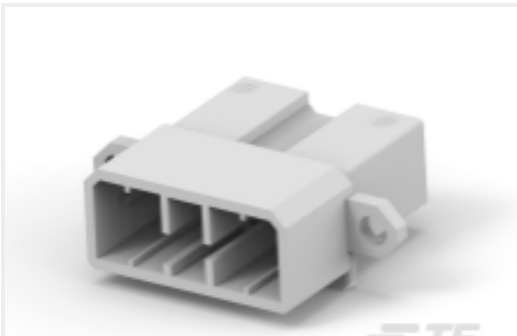
TE Part #172130-2
FF 250 REC HSG 2P NYLON BLCAK



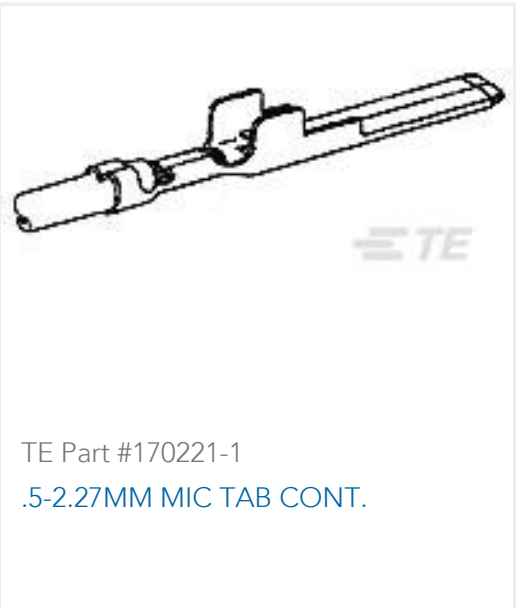
TE Part #176143-2
187 CAP HSG ASSY 2P BLACK



TE Part #1-353080-2
DYNAMIC D-5200 HDR V ASSY 2P



TE Part #172096-1
MIC CAP 9P W-W W/F



Documents

Product Drawings

025/040 ECU PLUG HSG ASSY 31P

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_1123341-1_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1123341-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1123341-1_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

Japanese

Crimping .040III Unsealed Contact, Receptacle

Japanese

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

025/040 I/O Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

1123341-1

31 Position Housing, Housing for Female Terminals, Wire-to-Board, 2.2 mm / 3.2 mm
[.08 in / .12 in] Centerline, Natural, 0.64/025 Connector System



025/040 I/O Connector

Japanese