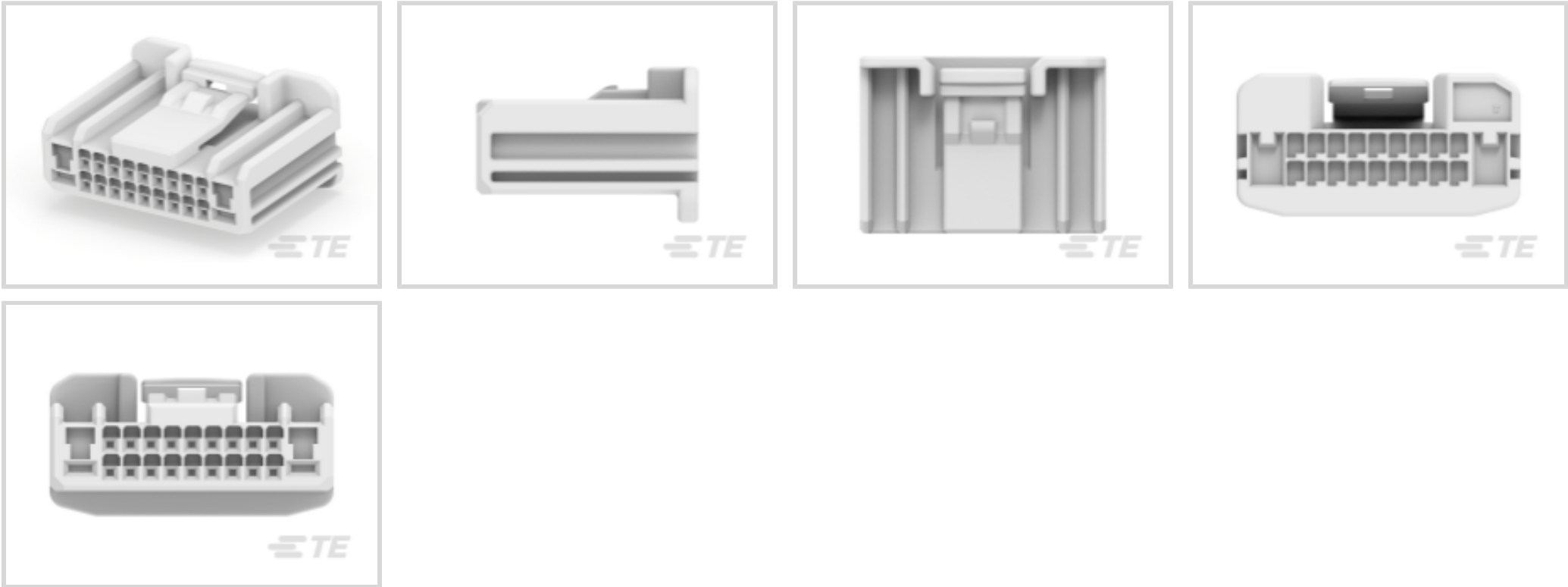




Automotive Parts > Automotive Connectors > Automotive Housings > TH/.025 CONNECTOR SYSTEM, HOUSING



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

Number of Positions: **20**

Sealable: **No**

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

Number of Rows: **2**

[All TH/.025 CONNECTOR SYSTEM, HOUSING \(168\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	20
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
-------------------	--------



Nominal Voltage Architecture	13 V
------------------------------	------

Body Features

Cable Exit Angle	180°
Primary Product Color	Natural

Contact Features

Contact Size	.64mm, 2.3mm
Contact Type	Receptacle
Mating Tab Width	.64 mm, 2.3 mm[.025 in][.09 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.2 mm[.87 in]

Dimensions

Row-to-Row Spacing	3 mm[.12 in]
Product Width	22 mm[.87 in]
Product Length	30.6 mm[1.2 in]
Connector Height	15.4 mm[.6 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[158 °F][167 °F][176 °F][185 °F][194 °F] [212 °F][221 °F]

Operation/Application

Circuit Application	Signal
---------------------	--------

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: 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>

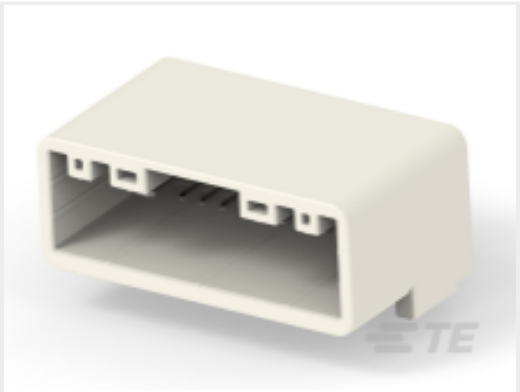
Compatible Parts



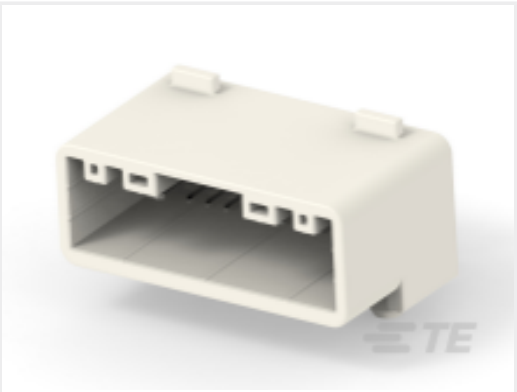
TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part # CAT-SIGH262
Signal Header



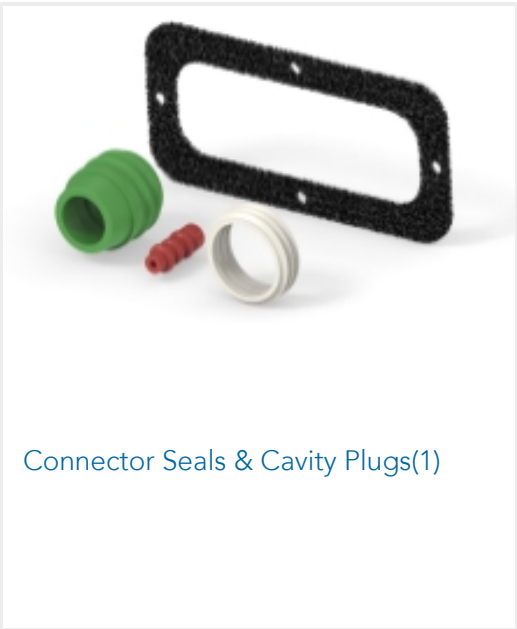
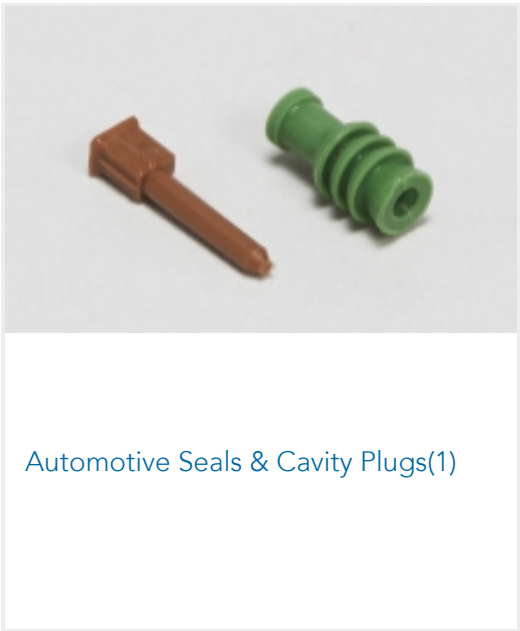
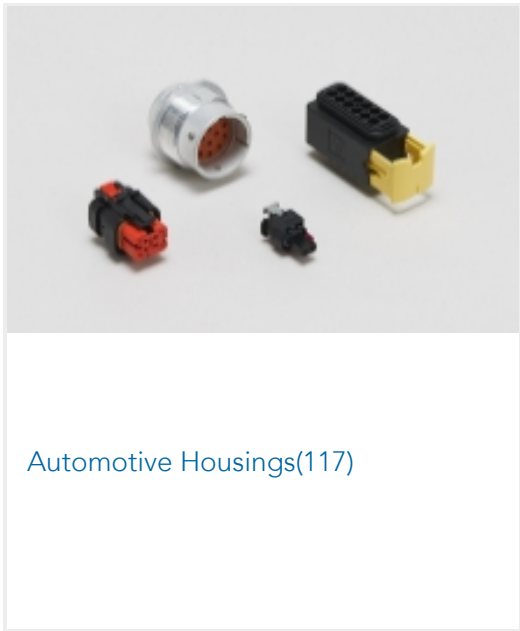
TE Part # 2326782-2
20POS,HYBRID,HDR ASSY,90DEG,SLDR



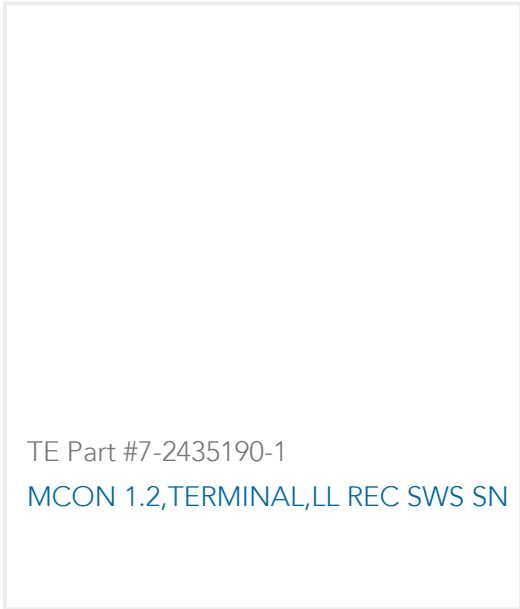
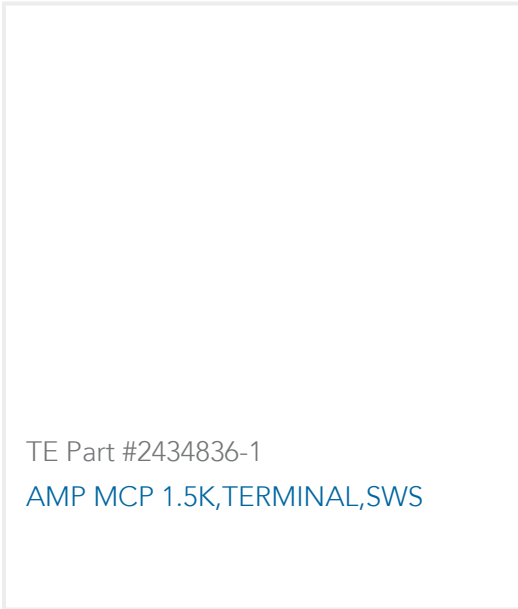
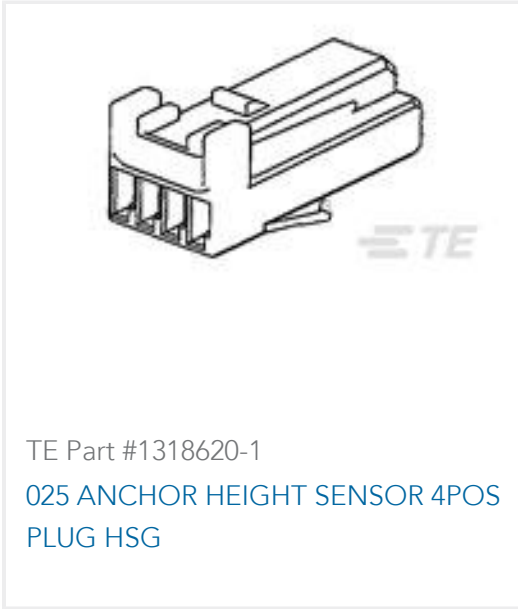
TE Part # 2322736-1
20POS,HYBRID,HDR ASSY,90DEG,SLDR



Also in the Series | 0.64/025 Connector System



Customers Also Bought





Documents

Product Drawings

20P PLUG ASSY 0.64III/2.3TW CONN.

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_2040487-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2040487-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2040487-1_A.3d_stp.zip

English

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

Product Specifications

CRIMPING OF 0.64III RECEPTACLE CONTACT

Japanese

Application Specification

Japanese

Instruction Sheets

0.64III/2.3TW CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese

0.64III/2.3TW CONNECTOR

Japanese

Instruction Sheet (non U.S.)

Japanese