

1473649-2 ✓ ACTIVE



TH/.025 Connector System

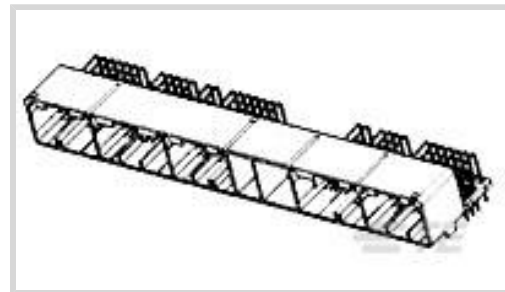
TE Internal #: 1473649-2

PCB Mount Header, Horizontal, Wire-to-Board, 200 Position, .087 in / .126 in [3.2 mm / 2.2 mm] Centerline, Fully Shrouded, TH/.025

Connector System

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > HIGH PIN COUNT HEADER



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

Number of Positions: **200**

Centerline (Pitch): **2.2 mm, 3.2 mm [.087 in, .126 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All HIGH PIN COUNT HEADER \(141\)](#)

Features

Product Type Features

Hybrid Header	Yes
Connector & Housing Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	6
Number of Signal Positions	200
Number of Positions	200
PCB Mount Orientation	Horizontal
Number of Rows	3

Electrical Characteristics

Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC



Body Features

Primary Product Color	Natural
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Contact Features

Contact Size	.64mm, 1mm
Contact Type	Tab
Mating Tab Width	.64 mm, 1 mm [.025 in][.039 in]
Mating Tab Thickness	.64 mm [.025 in]
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	2.2 mm, 3.2 mm [.087 in][.126 in]
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Dimensions

Connector Length	36.85 mm [1.451 in]
Connector Width	164.9 mm [6.492 in]
PCB Thickness (Recommended)	1.2 – 1.6 mm [.047 – .063 in]
Profile Height from PCB	22.7 mm [.894 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]

Operation/Application

Shielded	No
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Circuit Application

Signal

Industry Standards

UL Flammability Rating

None

Packaging Features

Packaging Type

Tube

Packaging Quantity

3

Other

Interface Number

1123325/26/27/08/29

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 2022 (224)
 Candidate List Declared Against: JUN 2018 (191)
 SVHC > Threshold:
 Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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

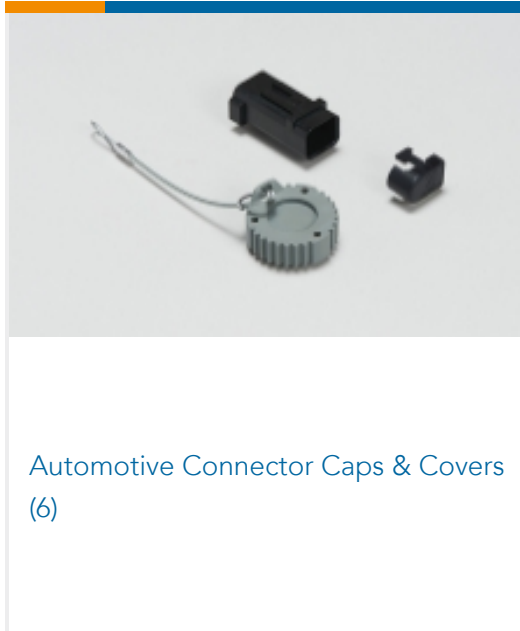


TE Part # CAT-T319-CH8172
TH/.025 CONNECTOR SYSTEM,
HOUSING

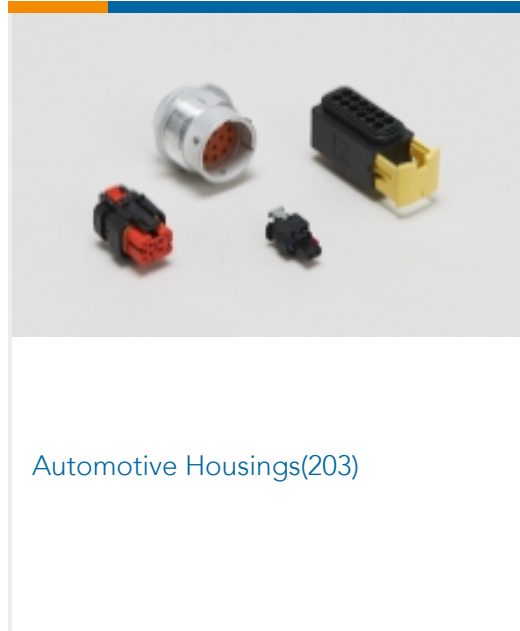


TE Part # CAT-T319-T273
TH/.025 CONNECTOR SYSTEM,
RECEPT AND TAB

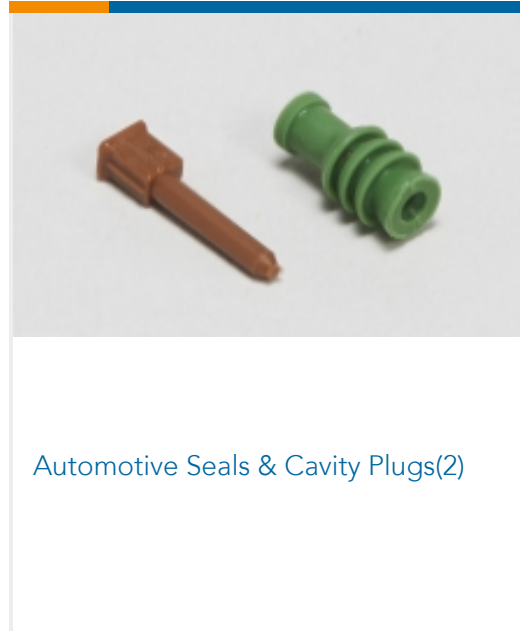
Also in the Series | TH/.025 Connector System



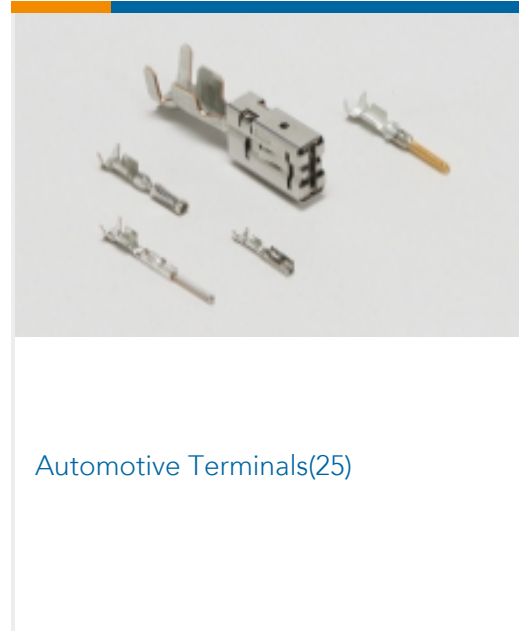
Automotive Connector Caps & Covers
(6)



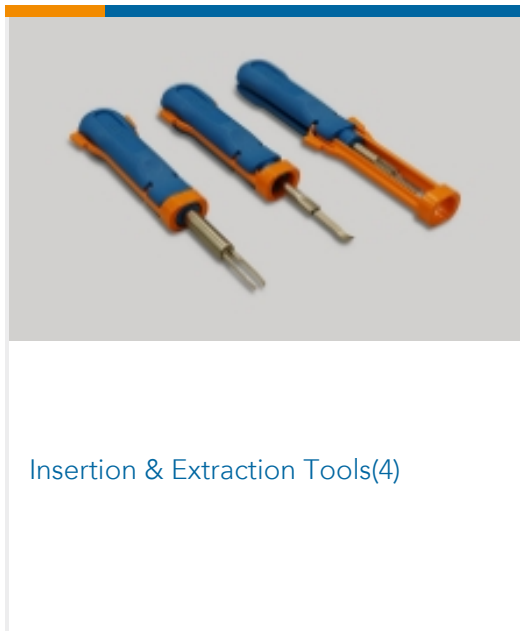
Automotive Housings(203)



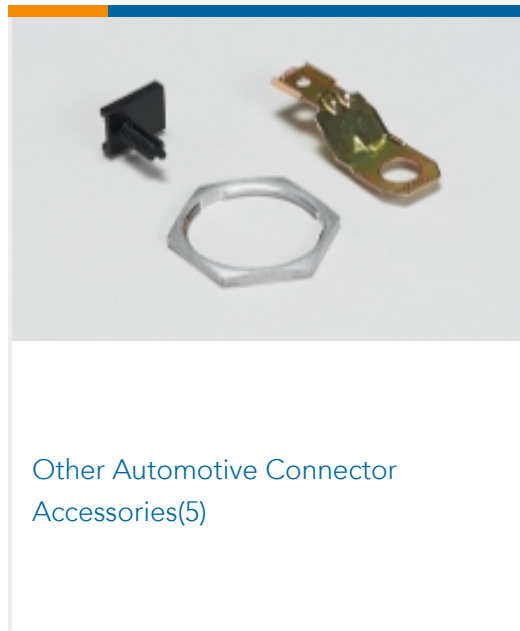
Automotive Seals & Cavity Plugs(2)



Automotive Terminals(25)



Insertion & Extraction Tools(4)

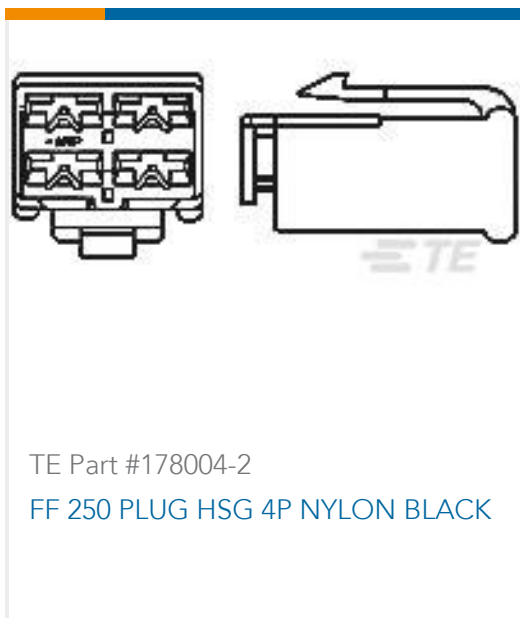


Other Automotive Connector
Accessories(5)



PCB Headers & Receptacles(144)

Customers Also Bought



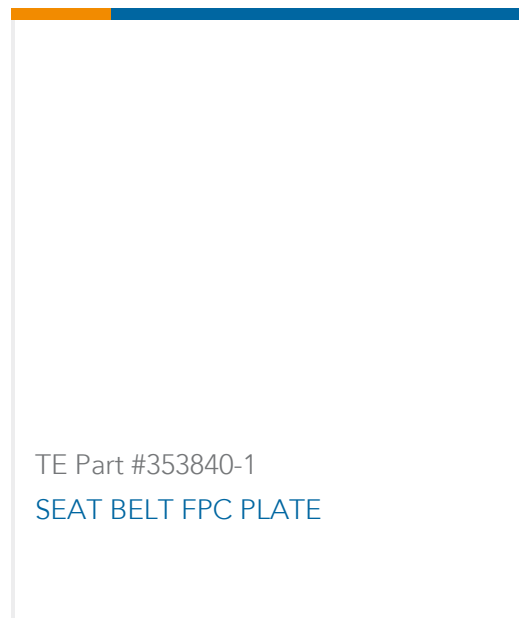
TE Part #178004-2
FF 250 PLUG HSG 4P NYLON BLACK



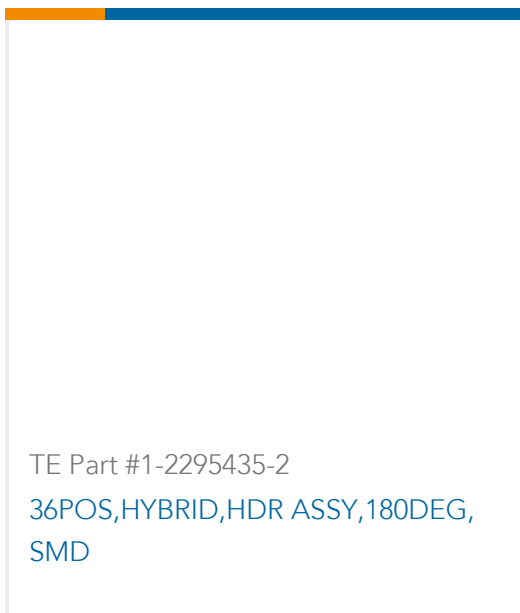
TE Part #1612050-9
025 LOW PROFILE 32POS CAP ASSY 6
Au



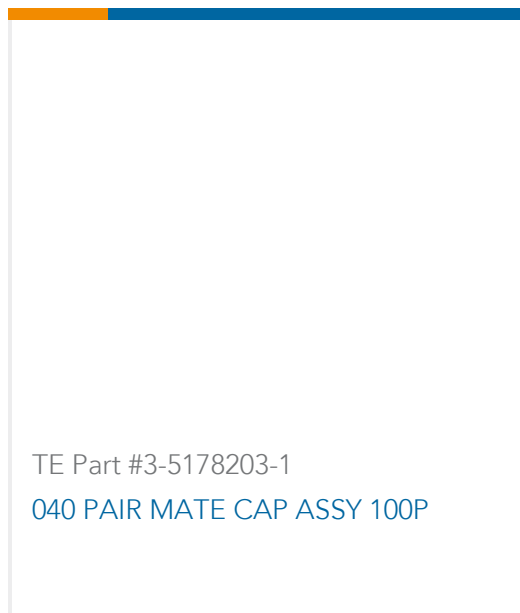
TE Part #6318813-1
025/040 167POS CAP HSG ASSY



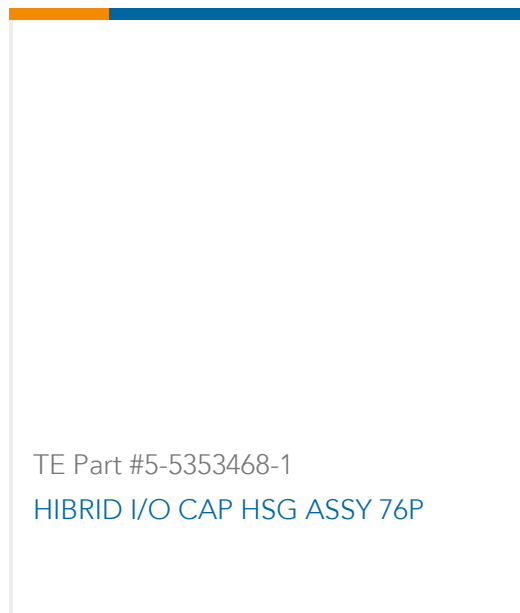
TE Part #353840-1
SEAT BELT FPC PLATE



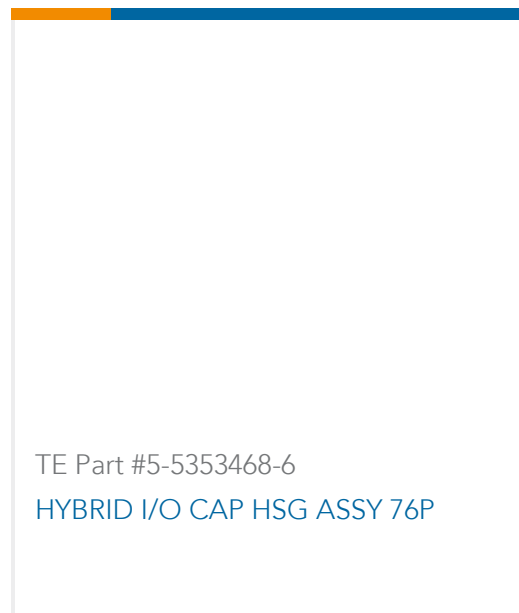
TE Part #1-2295435-2
36POS, HYBRID, HDR ASSY, 180DEG,
SMD



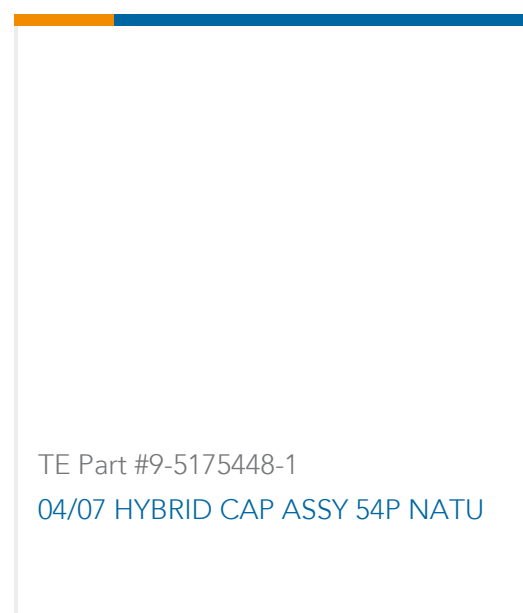
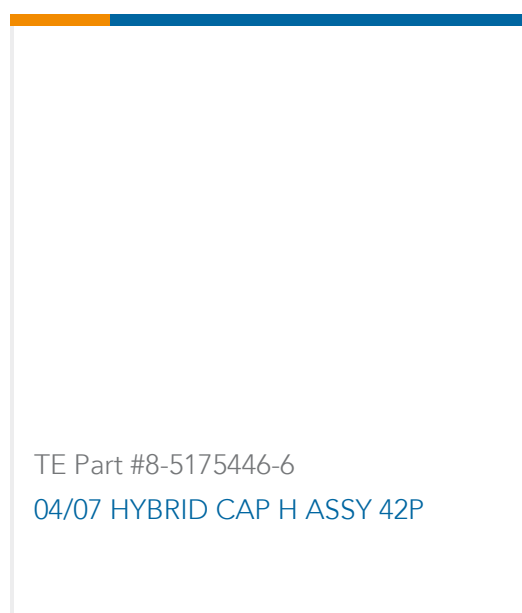
TE Part #3-5178203-1
040 PAIR MATE CAP ASSY 100P



TE Part #5-5353468-1
HIBRID I/O CAP HSG ASSY 76P



TE Part #5-5353468-6
HYBRID I/O CAP HSG ASSY 76P



Documents

Product Drawings

[025 040 200POS CAP ASSY H](#)

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_1473649-2_J.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1473649-2_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1473649-2_J.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 \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025/040 I/O Connector](#)

Japanese



[Instruction Sheet \(non U.S.\)](#)

Japanese

[025/040 I/O Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese