

3-1564416-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

TE Internal #: 3-1564416-1

8 Position Housing, Housing for Male Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Green, Heavy Duty Sealed Connector Series

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[Connectors](#) > [Automotive Connectors](#) > [Automotive Housings](#) > [Heavy Duty Sealed Connector Series Housings](#)



Number of Positions: **8**

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

Mating Tab Width: **1.6 mm [.063 in]**

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

Centerline (Pitch): **4 mm [.157 in]**

[All Heavy Duty Sealed Connector Series Housings \(177\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
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Body Features

Cable Exit Angle	180°, 90°
Primary Product Color	Green
Connector & Keying Code	C



Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	10 A

Mechanical Attachment

Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Product Width	47.05 mm[1.852 in]
Product Length	42.5 mm[1.673 in]
Connector Height	39.8 mm[1.567 in]

Usage Conditions

Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	250
Packaging Method	Carton

Other

Serviceable	Yes
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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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2112293-1
PROTECTION CAP, GROUP C, ASSY



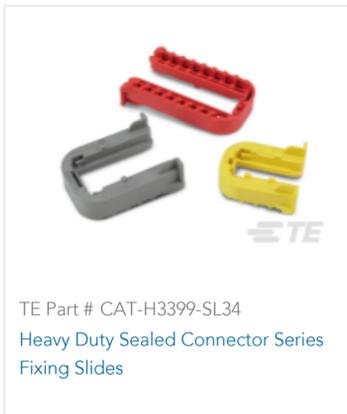
TE Part # 964972-1
EINZELLEITERDICHTNG



TE Part # CAT-H3399-B128
Heavy Duty Sealed Connector Series
Backshells



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # CAT-H3399-SL34
Heavy Duty Sealed Connector Series
Fixing Slides



TE Part # 2445670-1
SLIDE, TAB HSG ASSY, GROUP C



TE Part # CAT-H3399-CH8172
Heavy Duty Sealed Connector Series
Housings



TE Part # 2-964269-2
TAB A 1.6x0.6 CONTACT CF SWS Ag
Housings

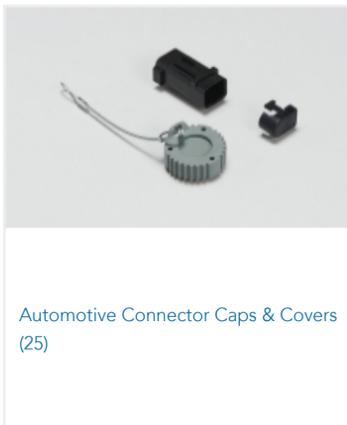


TE Part # 3-1579018-8
UNLOCK TOOL

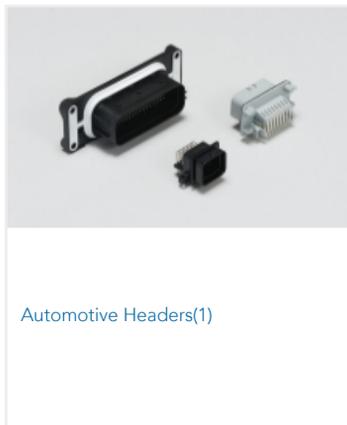


TE Part # 1670720-8
SLIDE, TAB HSG GROUP C

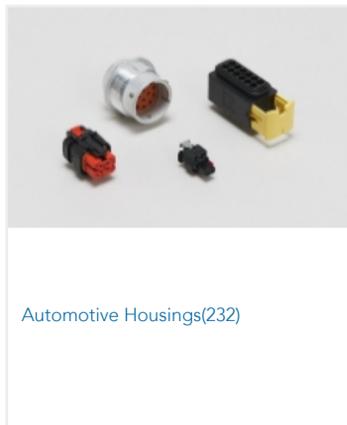
Also in the Series | Heavy Duty Sealed Connector Series



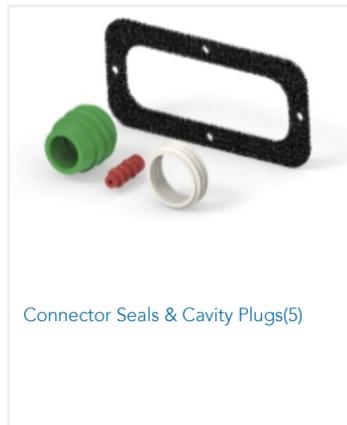
Automotive Connector Caps & Covers
(25)



Automotive Headers(1)



Automotive Housings(232)



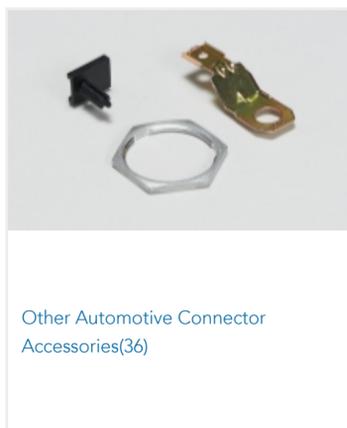
Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(16)



Other Automotive Connector
Accessories(36)



PCB Headers & Receptacles(1)

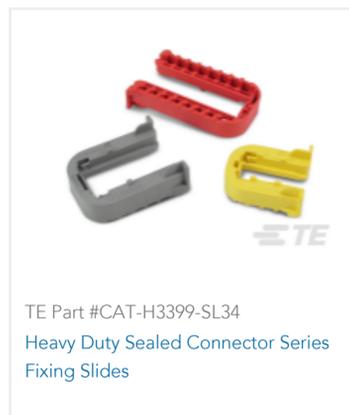


Rectangular Power Connectors(1)

Customers Also Bought



TE Part #1618002-5
EV200AAACA=RELAY, EV200 SPST-N



TE Part #CAT-H3399-SL34
Heavy Duty Sealed Connector Series
Fixing Slides



TE Part #CAT-H3399-CH8172
Heavy Duty Sealed Connector Series
Housings



TE Part #802789-000
B-106-1801



TE Part #969028-5
TAB A 1.6x0.6 CONTACT CS SWS Ag



TE Part #765793-000
B-106-1802



TE Part #GA50K6A11D
DISCRETE 50K OHMS, +/-1.0C FROM
0C TO 70C

Documents

Product Drawings

[8POS,TAB 1.6X0.6,TAB HSG,ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_3-1564416-1_H.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-1564416-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1564416-1_H.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Heavy Duty Sealed Connector Series](#)

English

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications



Application Specification

English