

1-1564526-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series

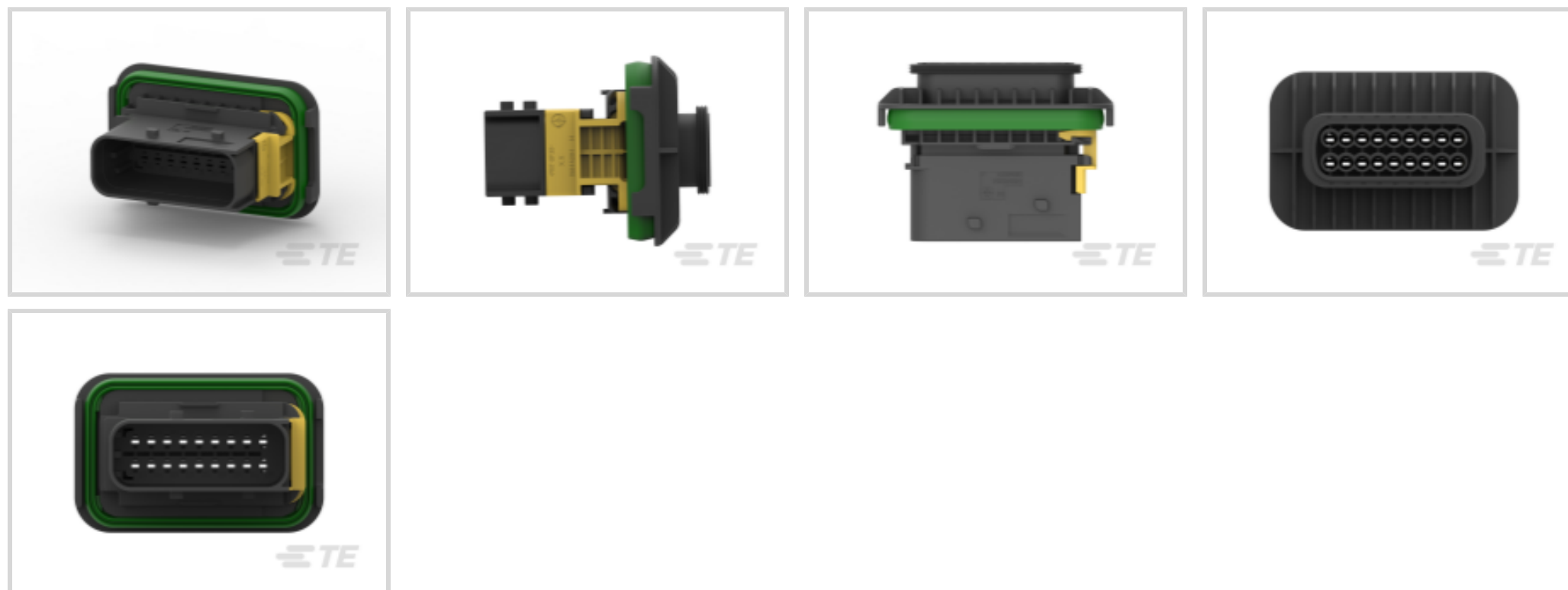
TE Internal #: 1-1564526-1

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

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings



Number of Positions: 18

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 | 18 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 60 VDC |
|-------------------|--------|



Body Features

| | |
|-------------------------|-------|
| Cable Exit Angle | 180° |
| Primary Product Color | Black |
| Connector & Keying Code | A |

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

| | |
|-----------------------------|----------------------------|
| Strain Relief | Without |
| 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 | 6.8 mm, 7.25 mm, 7.7 mm, 7.9 mm, 9.5 mm[.268 in][.285 in][.303 in][.311 in][.374 in] |
| Product Width | 39.8 mm[1.567 in] |
| Product Length | 62.5 mm[2.461 in] |
| Connector Height | 47.1 mm[1.854 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

| | |
|------------------------|----------|
| IP Rating | IP67 |
| UL Flammability Rating | UL 94V-0 |



Packaging Features

| | |
|--------------------|--------|
| Packaging Quantity | 150 |
| Packaging Method | Carton |

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



TE Part # 1-1563759-1
18POS,AMP MCP1.5K,REC HSG,ASSY



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



TE Part # 1564411-8
SLIDE,TAB HSG GROUP E



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



TE Part # 2112297-1
PROTECTION CAP,GROUP E,ASSY



TE Part # 964972-1
EINZELLEITERDICHTUNG



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

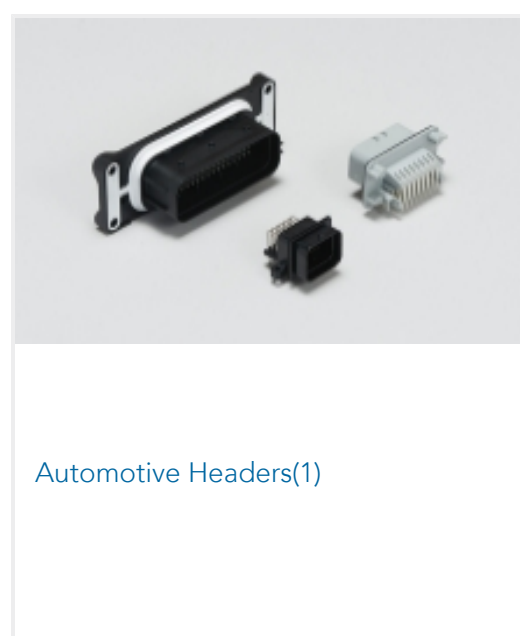


TE Part # 3-1579018-8
UNLOCK TOOL

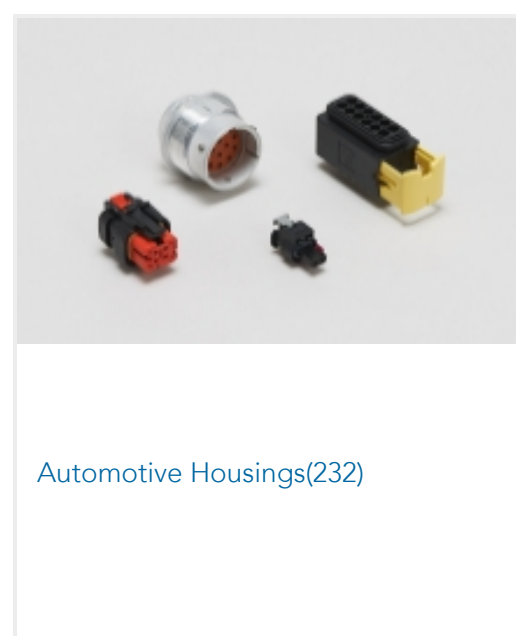
Also in the Series | **Heavy Duty Sealed Connector Series**



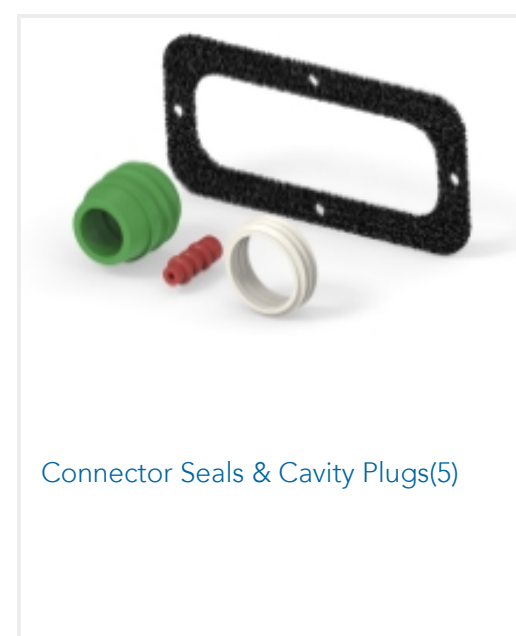
Automotive Connector Caps & Covers
(25)



Automotive Headers(1)



Automotive Housings(232)



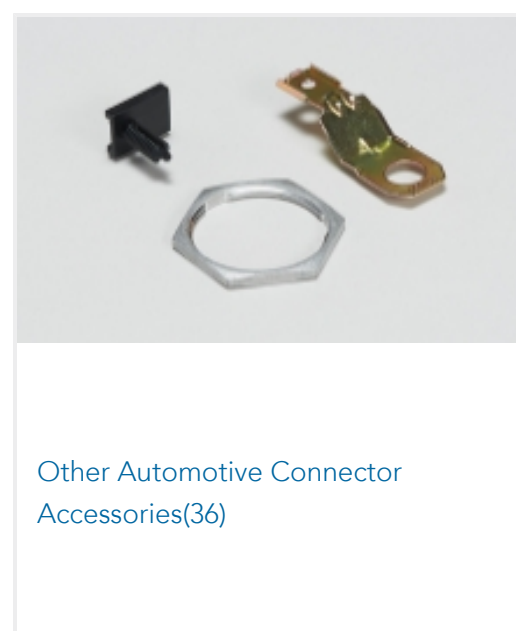
Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(16)



Other Automotive Connector
Accessories(36)

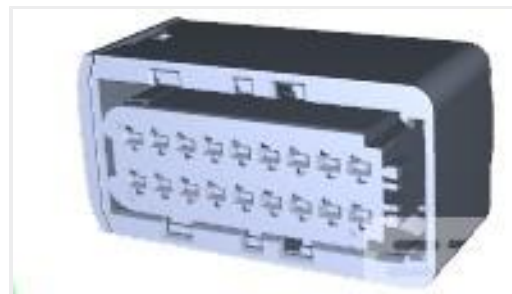
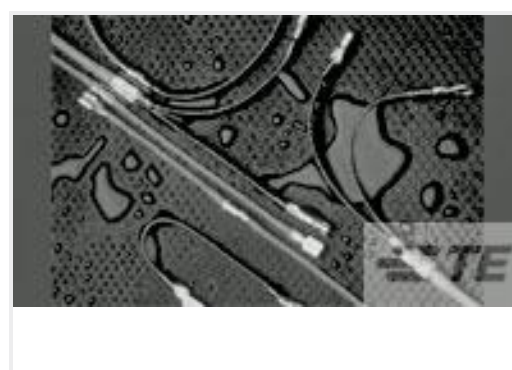


PCB Headers & Receptacles(1)



Rectangular Power Connectors(1)

Customers Also Bought

TE Part #1241376-1
AMP MCP 1.5K, CONTACTTE Part #765793-000
B-106-1802TE Part #1-1563759-1
18POS,AMP MCP1.5K,REC HSG,ASSYTE Part #1564411-8
SLIDE,TAB HSG GROUP ETE Part #CAT-H3399-SL34
Heavy Duty Sealed Connector Series
Fixing SlidesTE Part #4-1564526-1
18POS,TAB 1.6X0.6,TAB HSG,ASSYTE Part #802789-000
B-106-1801TE Part #2402686-1
2POS,0.64 SERIES,REC HSG,CSJ1800
HVILTE Part #1-2400923-3
CU ALLOY,OUTER FERRULE,CSJ1800
90DEG

Documents

Product Drawings

[18POS,TAB 1.6X0.6,TAB HSG,ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1564526-1_H.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1-1564526-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1564526-1_H.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Heavy Duty Sealed Connector Series](#)

English

[HDSCS Catalog](#)

English

[ICT Terminals and Connectors Catalogue](#)

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[CONNECTOR SELECTOR](#)

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Product Specifications

[Application Specification](#)

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[Application Specification](#)

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Agency Approvals

[UL Report](#)

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