

1-1534551-1 ✓ ACTIVE

AMP | Timer Connector System

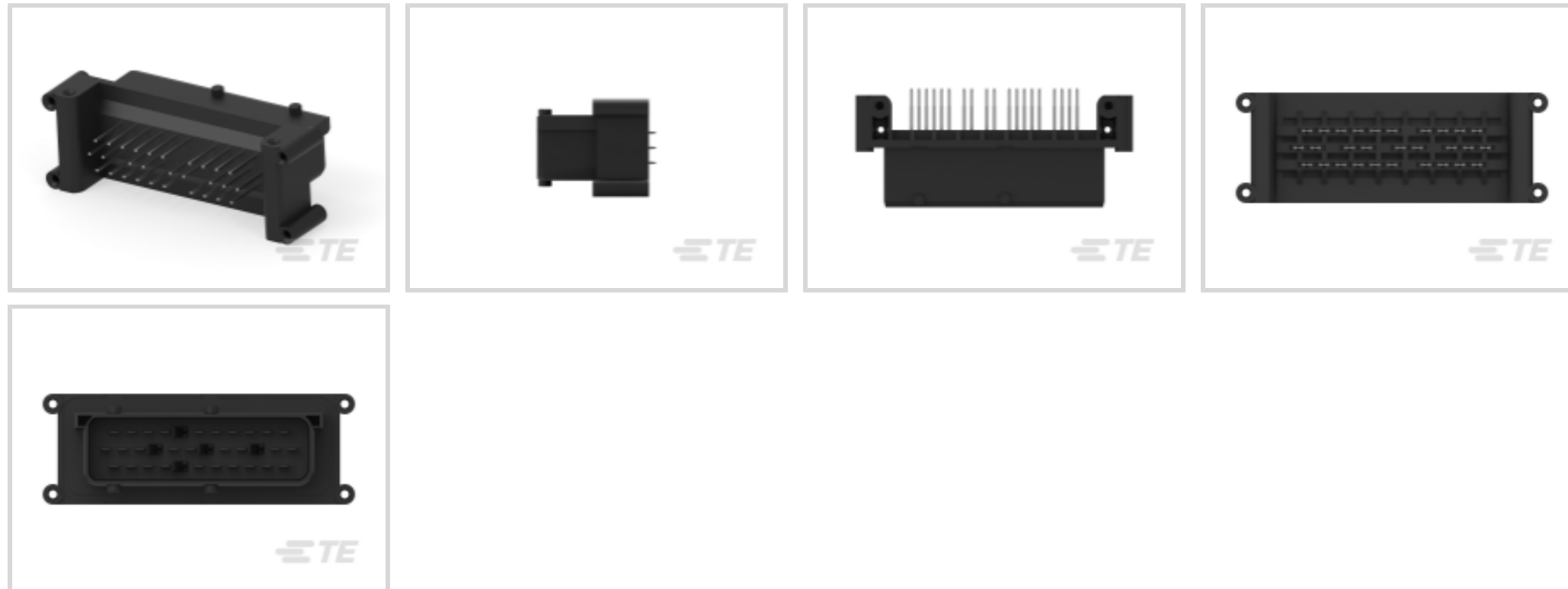
TE Internal #: 1-1534551-1

PCB Mount Header, Vertical, Wire-to-Board, 29 Position, Fully Shrouded, Tin, Through Hole - Solder, Black, Timer Connector System

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



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

Number of Positions: **29**

Sealable: **No**

PCB Mount Orientation: **Vertical**

Number of Rows: **3**

[All Low & Medium Power Header \(143\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header | No |
| Connector 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 Positions | 29 |
| PCB Mount Orientation | Vertical |
| Number of Rows | 3 |

Electrical Characteristics



| | |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|

| | |
|-------------------|--------|
| Operating Voltage | 12 VAC |
|-------------------|--------|

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

| | |
|-------------------------|----|
| Connector & Keying Code | A1 |
|-------------------------|----|

Contact Features

| | |
|--------------|-----|
| Contact Size | 3mm |
|--------------|-----|

| | |
|--------------|-----|
| Contact Type | Tab |
|--------------|-----|

| | |
|------------------|---------------|
| Mating Tab Width | 3 mm[.118 in] |
|------------------|---------------|

| | |
|----------------------|----------------|
| Mating Tab Thickness | .8 mm[.031 in] |
|----------------------|----------------|

| | |
|--------------------------------------|-----|
| Contact Mating Area Plating Material | Tin |
|--------------------------------------|-----|

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

| | |
|----------------|------|
| Mounting Holes | With |
|----------------|------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|---------------------|------|
| Panel Mount Feature | With |
|---------------------|------|

| | |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Dimensions

| | |
|------------------|------------------|
| Connector Length | 85.8 mm[3.38 in] |
|------------------|------------------|

| | |
|-----------------|------------------|
| Connector Width | 32.5 mm[1.28 in] |
|-----------------|------------------|

| | |
|-----------------------------|-----------------------|
| PCB Thickness (Recommended) | 1.6 mm[.06 – .063 in] |
|-----------------------------|-----------------------|

Usage Conditions

| | |
|-----------------------------|---------------|
| Operating Temperature (Max) | 85 °C[185 °F] |
|-----------------------------|---------------|

Operation/Application

| | |
|----------|----|
| Shielded | No |
|----------|----|

Industry Standards

| | |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

Other

| | |
|------------------|------------|
| Interface Number | 1-963449-1 |
|------------------|------------|



Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

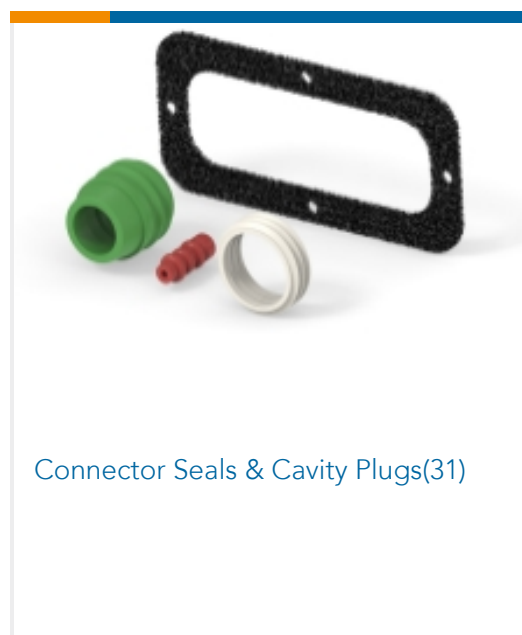
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 | Wave solder capable to 240°C |

Product Compliance Disclaimer

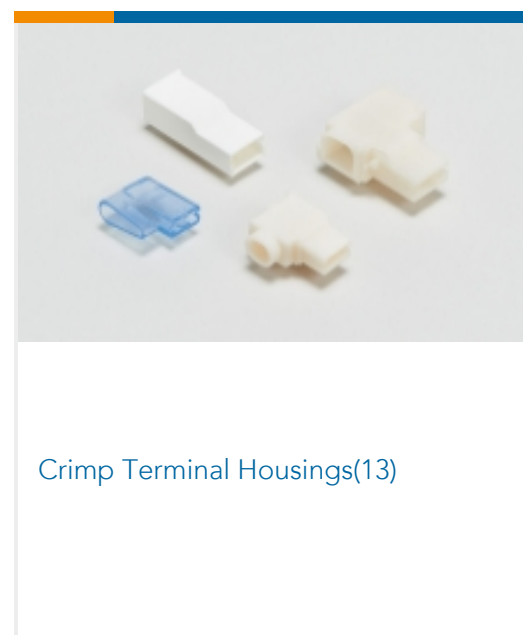
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Also in the Series | Timer Connector System

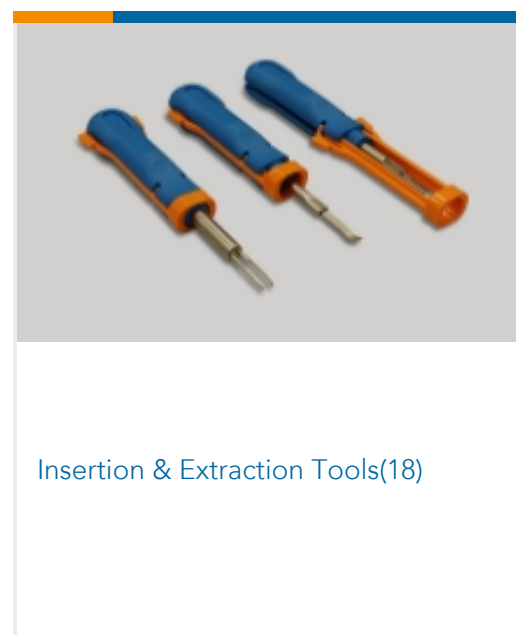
| | | | |
|--|--|---------------------------------|----------------------------------|
| <p>Automotive Connector Caps & Covers (10)</p> | <p>Automotive Connector Locks & Position Assurance(14)</p> | <p>Automotive Housings(210)</p> | <p>Automotive Terminals(137)</p> |
|--|--|---------------------------------|----------------------------------|



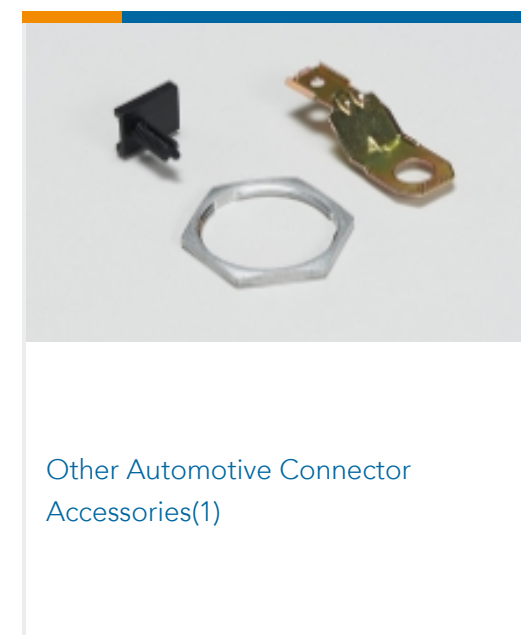
Connector Seals & Cavity Plugs(31)



Crimp Terminal Housings(13)



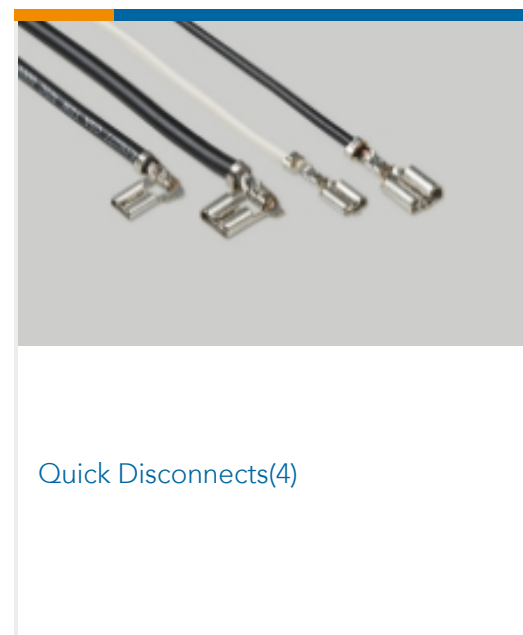
Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)

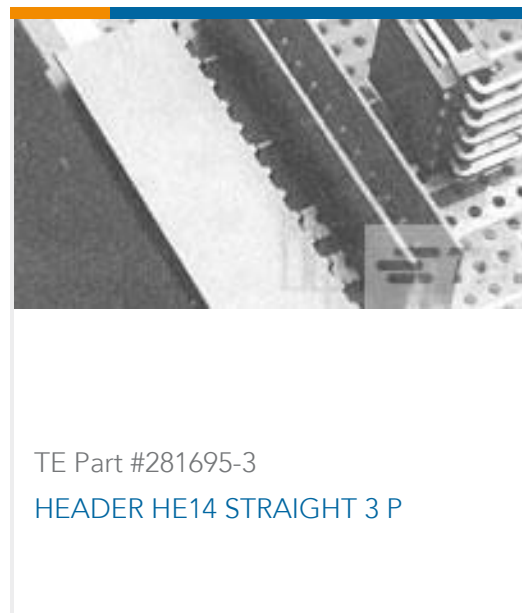
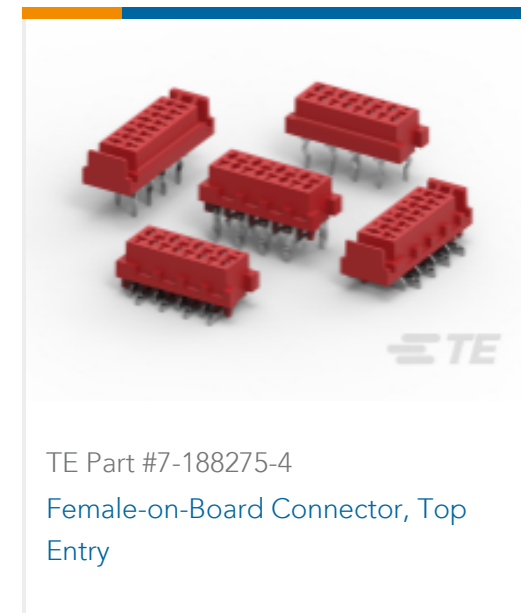
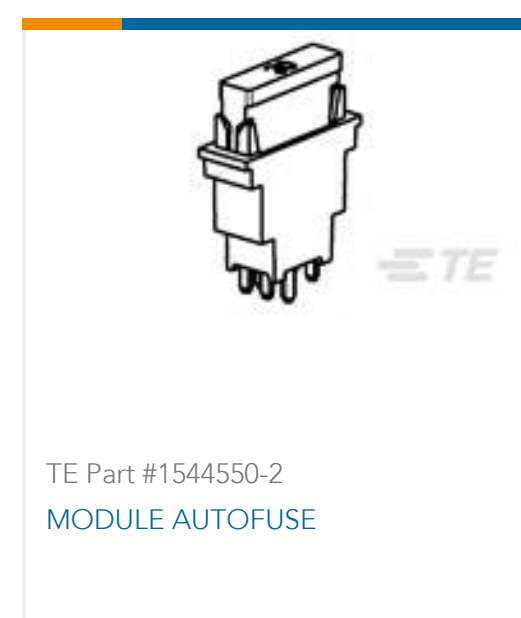


PCB Headers & Receptacles(77)



Quick Disconnects(4)

Customers Also Bought

TE Part #281695-3
HEADER HE14 STRAIGHT 3 PTE Part #3-1879021-3
SMD Power Resistor: 7 Watt, 200-2M OhmTE Part #640456-2
02P MTA100 HDR ASSY F/L SQ STRTE Part #7-188275-4
Female-on-Board Connector, Top EntryTE Part #3-1393789-7
V23079A2003B301TE Part #2176055-7
RLP73V 2B R018 1% 1K RLTE Part #1-338088-3
8/8 INV.MOD.JACKTE Part #1544550-2
MODULE AUTOFUSE

Documents

Product Drawings

[3,0MM TAB HEADER.29POS. STRAIGHT](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1-1534551-1_A.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_1-1534551-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1534551-1_A.3d_stp.zip](#)

English

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