

344103-1 ✓ ACTIVE

AMP | Econoseal

TE Internal #: 344103-1

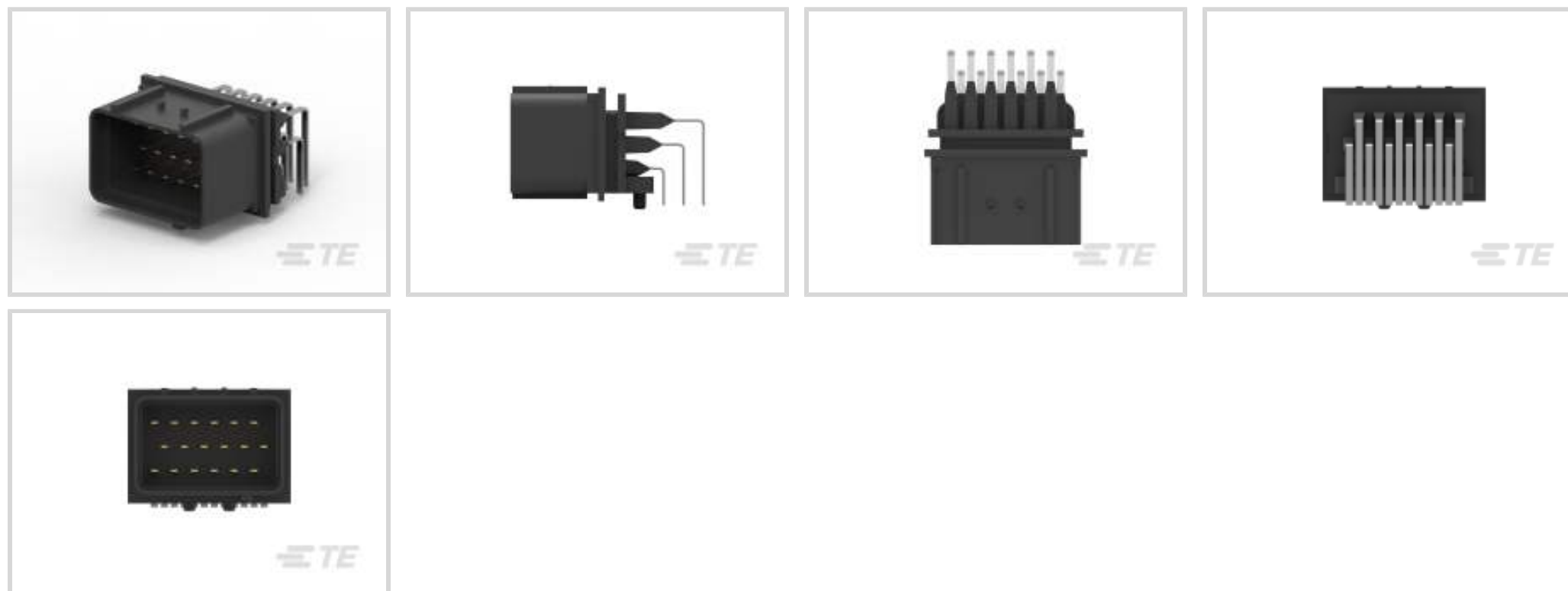
PCB Mount Header, Horizontal, Wire-to-Board, 5 mm [.197 in]

Centerline, Fully Shrouded, Gold, Sealable, Signal, Black, Econoseal

[View on TE.com >](#)



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



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

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **Yes**

PCB Mount Orientation: **Horizontal**

Number of Rows: **3**

[All Low & Medium Power Header \(169\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Rows	3

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Size	1.8mm
Contact Type	Tab
Mating Tab Width	1.8 mm[.071 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Mating Area Plating Material	Gold

### Mechanical Attachment

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

### Housing Features

Centerline (Pitch)	5 mm[.197 in]
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### Dimensions

Connector Length	52.71 mm[2.07 in]
Connector Width	40.7 mm[1.602 in]
Profile Height from PCB	3 mm[.118 in]

### Operation/Application

Shielded	Yes
Circuit Application	Signal

### Packaging Features

Packaging Type	Box
Packaging Quantity	195

### 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: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 240°C

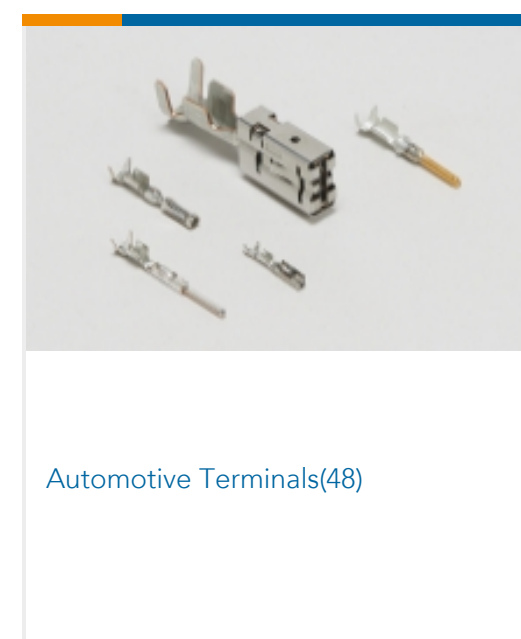
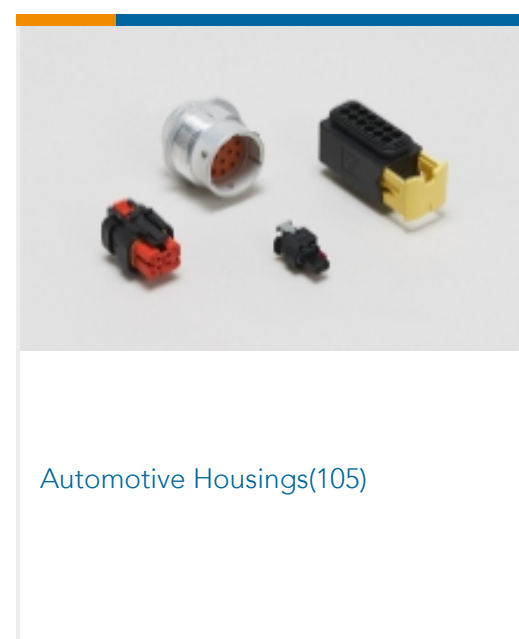
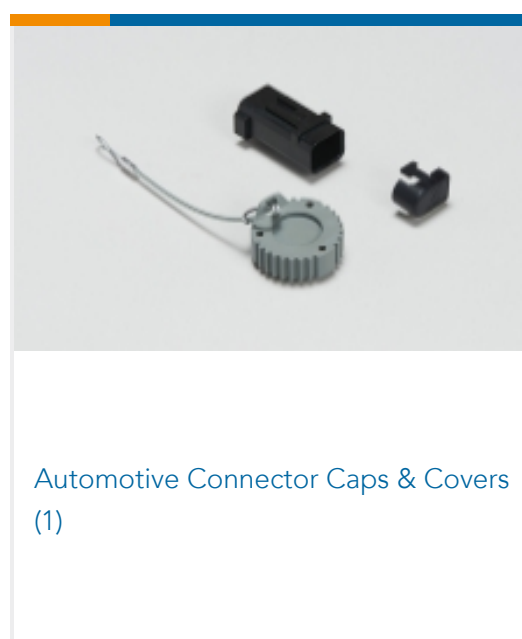
Product Compliance Disclaimer

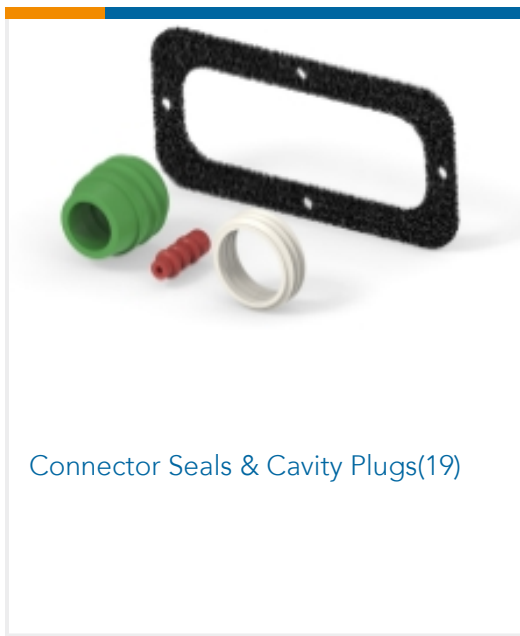
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

## Compatible Parts

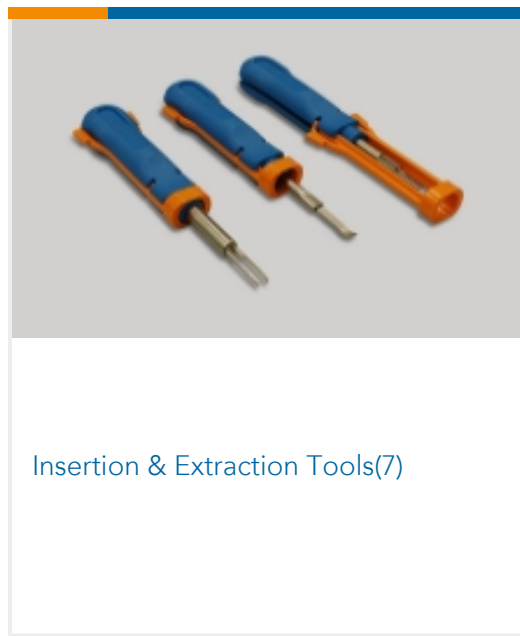


## Also in the Series | Econoseal

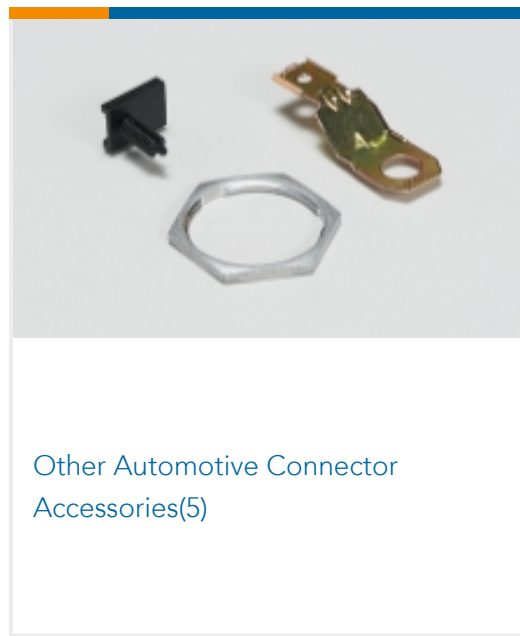




Connector Seals & Cavity Plugs(19)



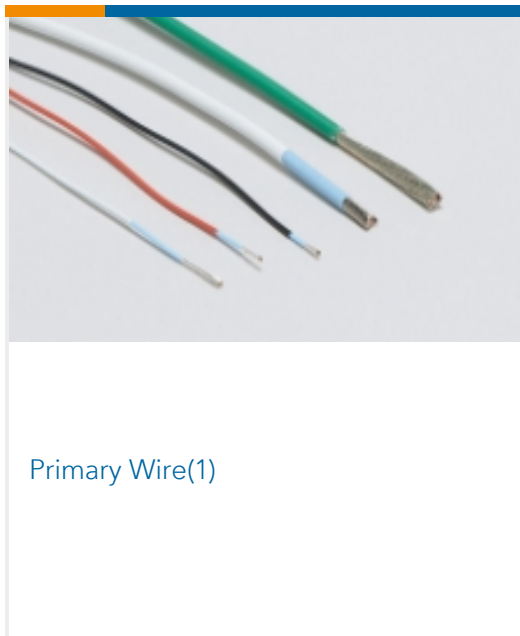
Insertion & Extraction Tools(7)



Other Automotive Connector Accessories(5)



PCB Headers & Receptacles(4)



Primary Wire(1)

## Customers Also Bought



TE Part #1-776275-1  
AMPSEAL PCB Headers



TE Part #1-776279-1  
8POS,PIN DIA 1.3,HDR ASSY,90DEG,  
COD 1



TE Part #2-2331102-1  
TAB HEADER 46POS.



TE Part #3-2112231-2  
46POS,AMP MCP1.5K,REC HSG,ASSY



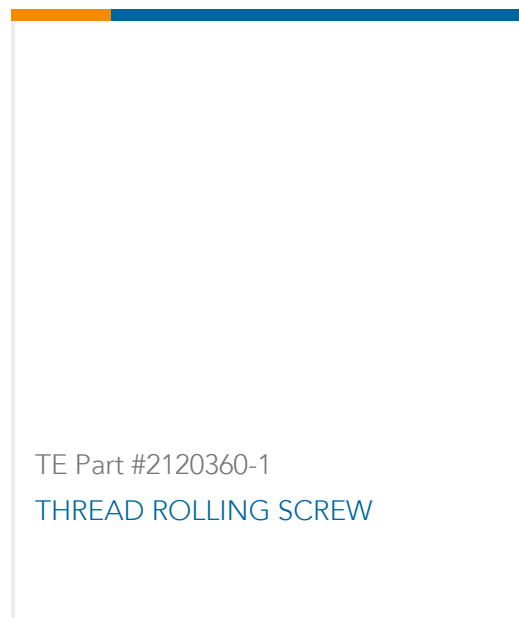
TE Part #1-2331102-1  
TAB HEADER 46POS.



TE Part #2120833-1  
AMPSEAL PIN HEADER 23POS GOLD



TE Part #3-2112231-1  
46POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #2120360-1  
THREAD ROLLING SCREW

## Documents

### Product Drawings

18W ENG.MAN.SYS.HEADER

English

### CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_344103-1\_E.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_344103-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_344103-1\\_E.3d\\_stp.zip](#)

English

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