

6318813-3 ✓ ACTIVE

AMP | 0.64/025 Connector System

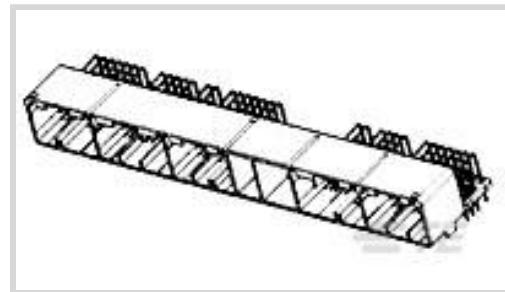
TE Internal #: 6318813-3

PCB Mount Header, Right Angle, Wire-to-Board, 167 Position, 2.2 mm / 3.2 mm [.087 in / .126 in] Centerline, Fully Shrouded, 0.64/025 Connector System

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles > High Pin Count Header



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

Number of Positions: **167**

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

Sealable: **No**

PCB Mount Orientation: **Right Angle**

[All High Pin Count Header \(65\)](#)

Features

Product Type Features

Mixed & Hybrid Header	No
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	5
Number of Positions	167
PCB Mount Orientation	Right Angle
Number of Rows	4

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 Type	Tab
Mating Tab Width	.63 mm, 1 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Mating Area Plating Material	Gold (Au), Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Screw
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Mechanical Attachment

Mounting Holes	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole
Connector Mounting Type	Board Mount

Housing Features

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

Connector Length	19.5 mm[.767 in]
Connector Width	164.9 mm[6.492 in]
PCB Thickness (Recommended)	1.2 – 1.6 mm[.047 – .063 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Shielded	No
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Packaging Features

Packaging Quantity	3
Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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>

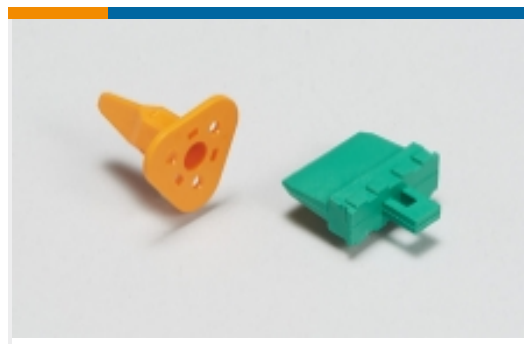
Compatible Parts



Also in the Series | **0.64/025 Connector System**



Automotive Connector Caps & Covers (5)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(127)



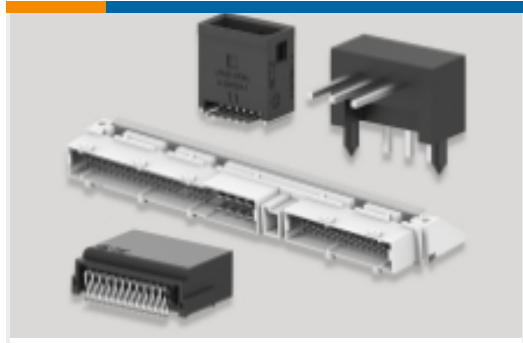
Automotive Terminals(16)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(4)



PCB Headers & Receptacles(158)

Customers Also Bought



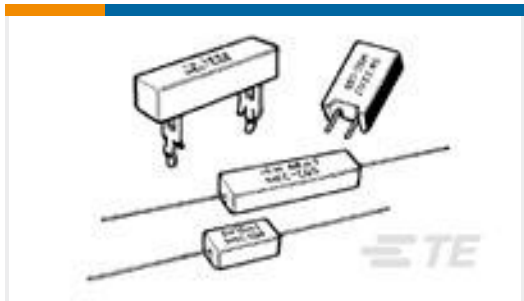
TE Part #178305-2
DYNAMIC D3100D HDR H 10P ASSY AU038



TE Part #1415899-3
RZ01-1A4-D009



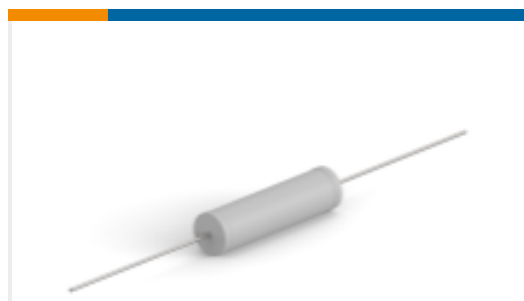
TE Part #1879463-3
RL73H 2E R12 1% 5K RL



TE Part #1623804-4
SQZ10 4R7 5% WIRE



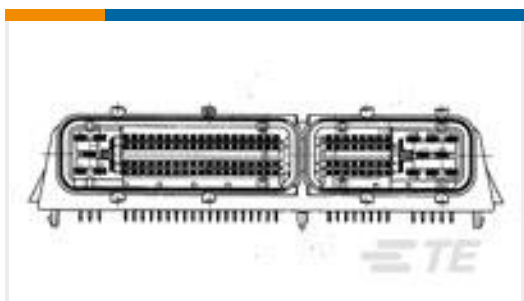
TE Part #2176505-3
CJP 120W 10R 5% Lead



TE Part #7-2176414-9
7W STD M/OX 5% 36K



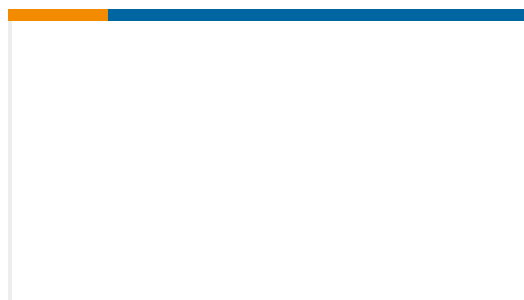
TE Part #1-1879355-9
RR03 5% 24K AMMO



TE Part #1746979-1
ECU 121P HDR ASSY-PBT



TE Part #826652-7
7P AMPMODU II STIFT LEI



TE Part #1-2005513-2
ECU 196P HDR ASSY- ISUZU EXP

Documents



Product Drawings

[025/040 167POS CAP HSG ASSY](#)

Japanese

[025/040 167POS CAP HSG ASSY](#)

Japanese

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_6318813-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_6318813-3_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_6318813-3_E.2d_dxf.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 \(non U.S.\)](#)

Japanese

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

Japanese

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

Japanese

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

Japanese