174915-6 ✔ ACTIVE

AMP | Multilock Connector System

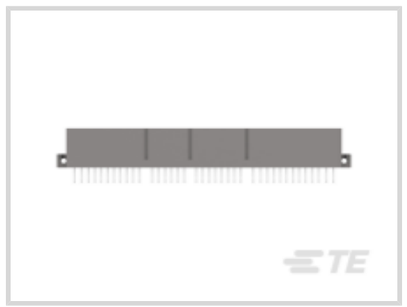
TE Internal #: 174915-6

PCB Mount Header, Horizontal, Wire-to-Board, 76 Position, 3.5 mm / 3 mm [.138 in / .118 in] Centerline, Fully Shrouded, Multilock Connector System

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > HIGH PIN COUNT HEADER





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

Number of Positions: **76**

Centerline (Pitch): **3 mm, 3.5 mm [.118 in, .138 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

All HIGH PIN COUNT HEADER (142)

Features

Product Type Features

Hybrid Header	Yes
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 Sections	4
Number of Signal Positions	76
Number of Positions	76
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features

Primary Product Color	Gray

Contact Features

Contact Size	1.8mm, 1mm
Contact Type	Tab
Mating Tab Width	1 mm, 1.77 mm[.039 in][.07 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3 mm, 3.5 mm[.118 in][.138 in]

Dimensions

Connector Length	129.7 mm[5.1 in]
Connector Width	18.5 mm[.728 in]
Profile Height from PCB	21.9 mm[.862 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Shielded	No

Circuit Application	Signal

Packaging Features

Packaging Type	Tube
Packaging Quantity	3

Other

Interface Number	917992

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

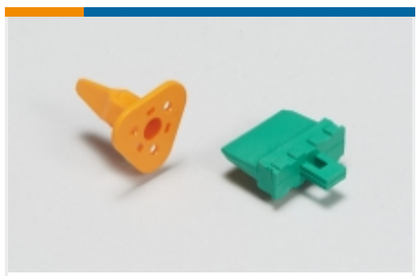
Compatible Parts

TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING

Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers (16)

Automotive Connector EMC Shielding (1)



Automotive Connector Locks & Position Assurance(2)

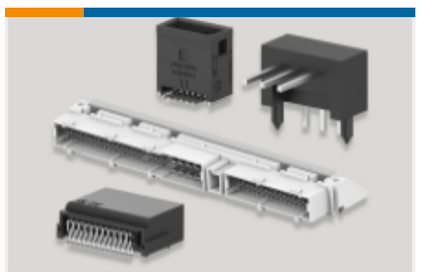
Automotive Housings(572)

Automotive Seals & Cavity Plugs(2)

Automotive Terminals(140)

Insertion & Extraction Tools(6)

Other Automotive Connector Accessories(9)



PCB Headers & Receptacles(127)

Documents

Product Drawings

HYBRID 76P CAP ASS'Y

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_174915-6_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_174915-6_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_174915-6_J.3d_stp.zip

English

Customer View Model

ENG_CVM_174915-6_H2.3d_igs.zip

English

Customer View Model

ENG_CVM_174915-6_H2.3d_stp.zip

English

Customer View Model

ENG_CVM_174915-6_H2.2d_dxf.zip

English

3D PDF

3D

Product Specifications

Application Specification

English

Instruction Sheets

HYBRID I/O CONNECTOR

English

Customer Manual (non U.S.)

English

HYBRID I/O CONNECTOR

English

Customer Manual (non U.S.)

English