1-770669-1 ✔ ACTIVE

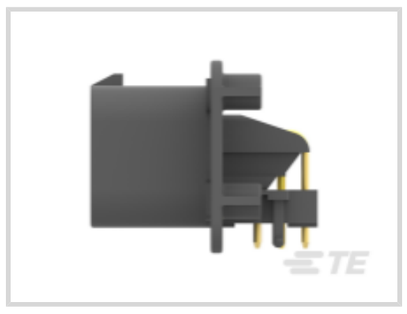
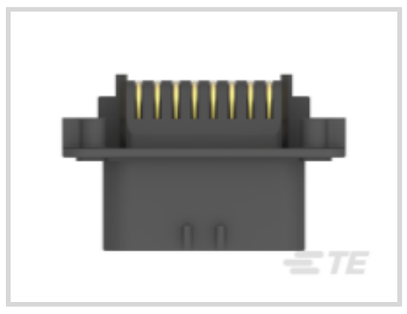
AMP | AMPSEAL

TE Internal #: 1-770669-1

PCB Mount Header, Right Angle, Wire-to-Board, 23 Position, 4 mm [.157 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, Sealable, AMPSEAL

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > AMPSEAL PCB Right-Angle Headers



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

Number of Positions: **23**

Centerline (Pitch): **4 mm [.157 in]**

Sealable: **Yes**

PCB Mount Orientation: **Right Angle**

All AMPSEAL PCB Right-Angle Headers (63)

Features

Product Type Features

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 Positions	23
PCB Mount Orientation	Right Angle
Number of Rows	3

Body Features

Primary Product Color	Black
Connector & Keying Code	1

Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	17 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	4 mm[.157 in]

Usage Conditions

Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

Product Compliance Disclaimer

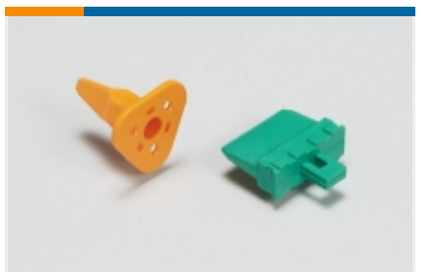
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # CAT-AM78-CH8172
AMPSEAL Receptacle Housings

Also in the Series | AMPSEAL



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(31)



Automotive Terminals(8)



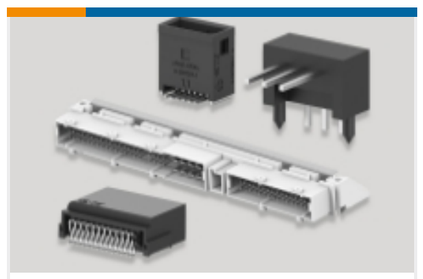
Connector Backshells(4)



Connector Seals & Cavity Plugs(2)



Internal I/O Connectors(1)



PCB Headers & Receptacles(119)

Customers Also Bought



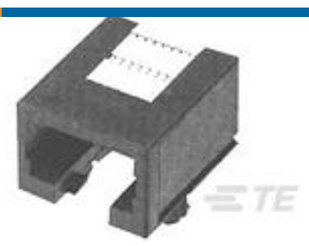
TE Part # 776266-1
AMPSEAL PCB Right-Angle Headers



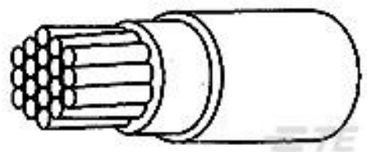
TE Part # DT13-12PA-B016
HDR, 12P, GRY, RA, ENH KEY, NI/CU, A



TE Part # 1-776261-1
14POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 1



TE Part # 3-215877-1
8/8 PCB MOD.JACK SE



TE Part # 2723233001
FLT0111-0.25-0



TE Part # 2373965-1
CPA,AMPSEAL

Documents

Product Drawings

23POS,PIN DIA 1.3,HDR ASSY,90DEG,COD 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-770669-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-770669-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-770669-1_P.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English