1-776163-6 ✔ ACTIVE

AMP | AMPSEAL

TE Internal #: 1-776163-6

PCB Mount Header, Right Angle, Wire-to-Board, 35 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 Horizontal Headers



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

Number of Positions: **35**

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

Sealable: **Yes**

PCB Mount Orientation: **Right Angle**

All AMPSEAL PCB Horizontal Headers (55)

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	35
PCB Mount Orientation	Right Angle
Number of Rows	3

Body Features

Primary Product Color	Orange

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	Fixing Screw

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 Type	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

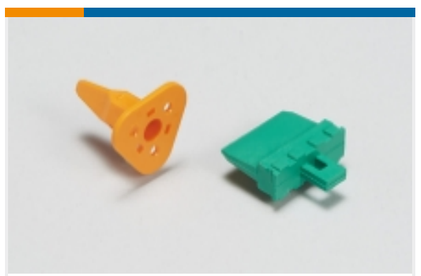
limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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)



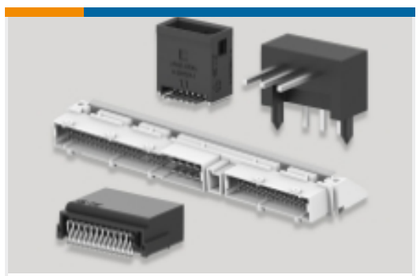
Automotive Terminals(8)



Connector Backshells(5)



Connector Seals & Cavity Plugs(1)



PCB Headers & Receptacles(116)

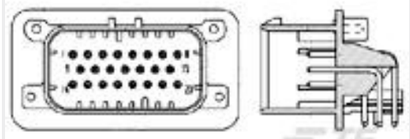
Customers Also Bought



TE Part #281695-5
HEADER HE14 STRAIGHT 5 P



TE Part #1-776231-4
AMPSEAL PCB Headers



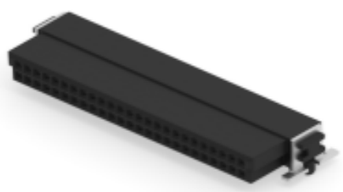
TE Part #1-776267-1
14POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1



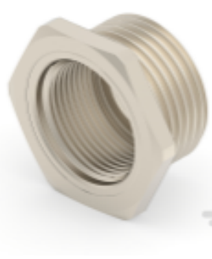
TE Part #3-1825137-9
A105SYZQ04



TE Part #180599
SOLIS 8 WIRE PIN



TE Part #154742-E
SMCQ 50 F AB VV 7-03 CL * 0007 137 E002



TE Part #394847-E
MRDEZT M12 GEHAEUSETEIL FL ABST. 13MM *



TE Part #1-2600020-2
XRC PIN TERMINAL 16-18AWG Ni Plated



TE Part #6-2176455-0
CPF 0402 453K 0.1% 25ppm 1K RL

Documents

Product Drawings

35POS,PIN DIA 1.3,HDR ASSY,90DEG,COD 6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-776163-6_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-776163-6_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-776163-6_T.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English