2120833-1 ✔ ACTIVE

AMP | AMPSEAL

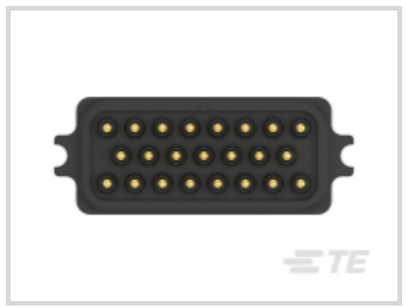
TE Internal #: 2120833-1

Vertical, Wire-to-Board, 23 Position, 3 Rows, 4mm [.157in] Centerline, Gold (Au), Printed Circuit Board, 17A Contact Current Rating (Max), AMPSEAL

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers > AMPSEAL PCB Right-Angle Headers







PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **17 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

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

All AMPSEAL PCB Right-Angle Headers (63)

Features

Product Type Features

Header Type	Unshrouded
Connector Product Type	Connector Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	23
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Black

Contact Features

Mating Pin Diameter	1.3 mm[.051 in]
Contact Type	Pin
Contact Current Rating (Max)	17 A
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	4 mm[.157 in]

Dimensions

Connector Width	17 mm[.669 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Length	43.4 mm[1.708 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Tray
Packaging Quantity	320

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

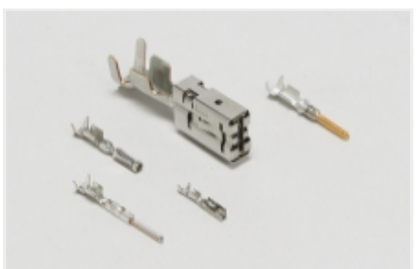


TE Part # CAT-AM78-CH8172
AMPSEAL Receptacle Housings

Also in the Series | AMPSEAL



Automotive Housings(34)



Automotive Terminals(8)

Customers Also Bought



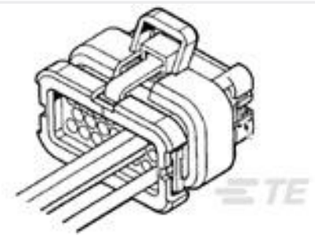
TE Part #DT04-3P-E004
REC, 3P, BLK, N



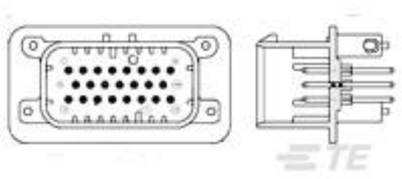
TE Part #182920-1
CPC SQ FL. RCPT REV SEX



TE Part #182921-1
CPC SQ FL. RCPT REV SEX



TE Part #770680-5
23POS,AMPSEAL,SOC HSG ASSY,SLD, COD 5



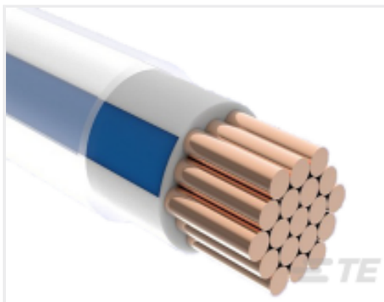
TE Part #1-776200-1
23POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 1



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



TE Part #CAT-L489-H342
LEAVYSEAL Connector Headers



TE Part #4569203001
ACW0219-0.50-9(NS)



TE Part #1241381-3
AMP MCP 1.5K, CONTACT, SWS, (LP)

Documents

Product Drawings

AMPSEAL PIN HEADER 23POS GOLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2120833-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2120833-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2120833-1_B.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 Series

English