770680-4 ✔ ACTIVE

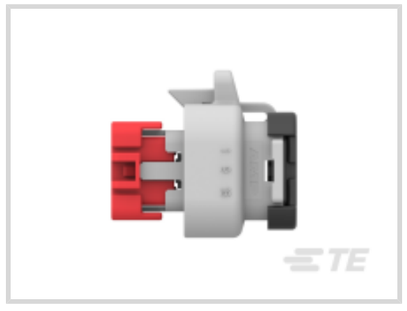
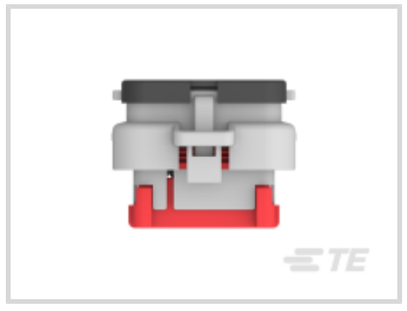
AMP | AMPSEAL

TE Internal #: 770680-4

250 V, 23 Position, Automotive Plug, Wire-to-Board, 4 mm [.157 in] Centerline, Sealable, Gray, Wire & Cable, Power, AMPSEAL

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Connector & Housing Type: **Plug**

Number of Positions: **23**

Sealable: **Yes**

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

Number of Rows: **3**

All AMPSEAL Receptacle Housings (31)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Plug
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	23
Number of Rows	3

Electrical Characteristics

Operating Voltage	250 VAC
Nominal Voltage Architecture	250 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Gray
Connector & Keying Code	C

Contact Features

Contact Size	1.3mm
Contact Type	Socket
Mating Pin Diameter	1.3 mm[.051 in]
Contact Current Rating (Max)	17 A

Mechanical Attachment

Strain Relief	Add By Accessory
Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Row-to-Row Spacing	4 mm[.157 in]
Product Width	33.6 mm[1.323 in]
Product Length	47.4 mm[1.866 in]
Connector Height	34.6 mm[1.362 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

IP Rating	IP67, IP69K
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	28
Packaging Method	Tray

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in 27520056317) Decamethylcyclopentasiloxane (D5) (.5% in 27520056317) Octamethylcyclotetrasiloxane (D4) (.5% in 27520056317) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # 2373965-1
CPA,AMPSEAL

TE Part # 770678-1
SEAL PLUG, AMPSEAL



TE Part # 58529-1
PRO-CRIMPER III TOOL AMPSEAL



TE Part # CAT-AM78-T273
AMPSEAL Crimp Contacts: 1.3 mm



TE Part # CAT-AM78-H342
AMPSEAL PCB Vertical Headers

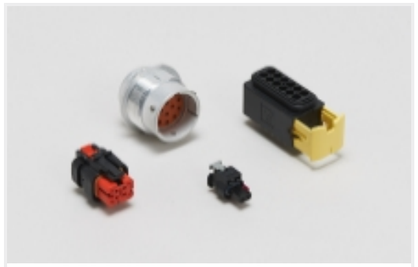


TE Part # 2389806-1
STRAIN RELIEF,23 POSITION AMPSEAL

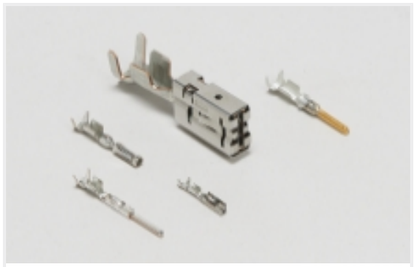


TE Part # CAT-J04-APHH
AMPSEAL PCB Right-Angle Headers

Also in the Series | AMPSEAL



Automotive Housings(34)



Automotive Terminals(8)

Customers Also Bought



TE Part #DT04-2P-RT21
REC, 2P, BLK, 511 OHM RESISTOR, NI



TE Part #K1060869
Battery Disconnector 35-557



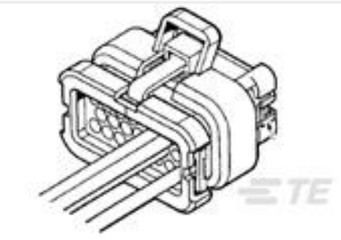
TE Part #803484-SF
FN2200-150-40



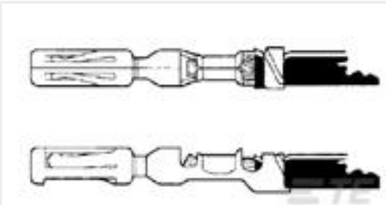
TE Part #364718-E
DRCBTB 1,27 68 M BTB26 24,2 137 * 094 TR



TE Part #CAT-J41-DDPC
DEUTSCH DT Plug Connectors



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



TE Part #770854-1
CONTACT, AMPSEAL SN/LP



TE Part #2151634-2
OCEAN-2.0-APPLICATOR-S-120F160OV-RSA



TE Part #DT04-12PB-P004
REC, 12P, BLK, N, B

Documents

Product Drawings

23POS,AMPSEAL,SOC HSG ASSY,SLD,COD 4

English

CAD Files

Customer View Model

ENG_CVM_CVM_770680-4_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770680-4_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770680-4_L.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

AMPSEAL Connector Catalog

English

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Engineering Report

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English