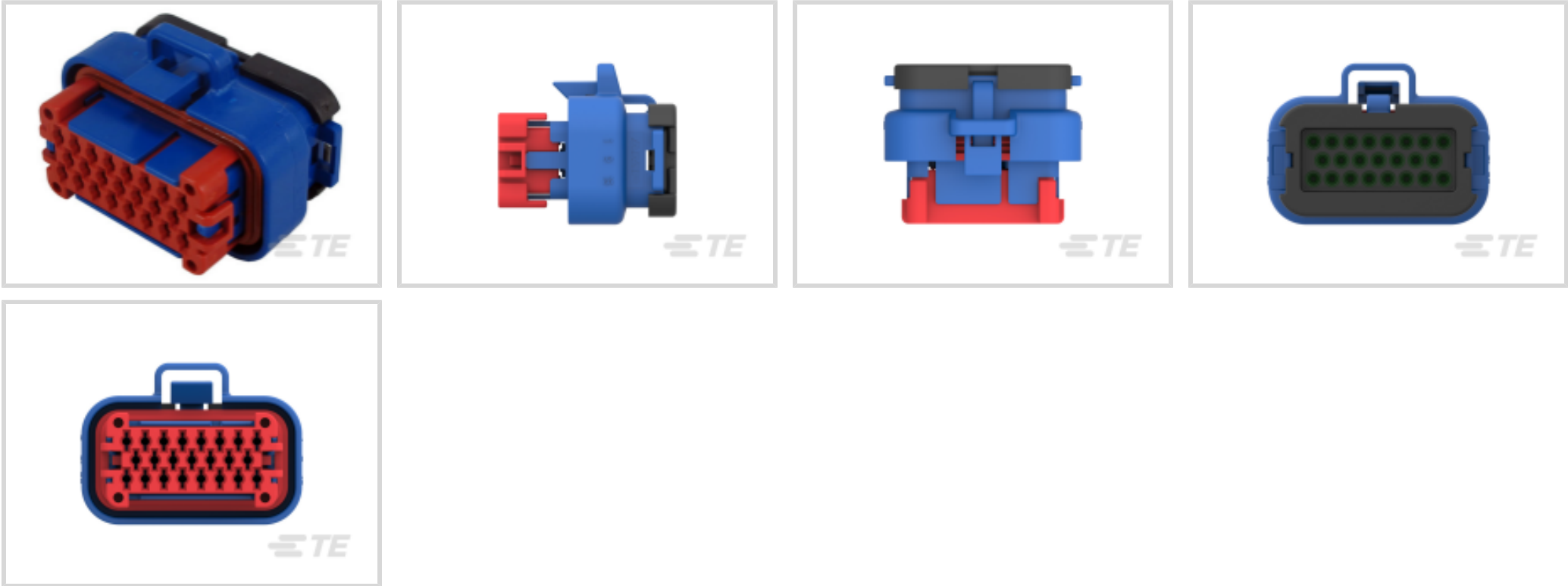




Automotive Parts > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



Nominal Voltage Architecture: 250 V

Connector & Housing Type: Plug

Number of Positions: 23

Sealable: Yes

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

[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	Blue
Connector & Keying Code	D

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
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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

Compatible Parts



TE Part # 2373965-1
CPA,AMPSEAL



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



TE Part # 770678-1
SEAL PLUG, AMPSEAL



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



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

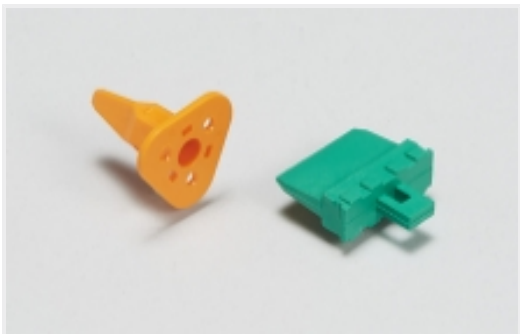


TE Part # 2389806-1
STRAIN RELIEF,23 POSITION
AMPSEAL



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

Also in the Series | AMPSEAL



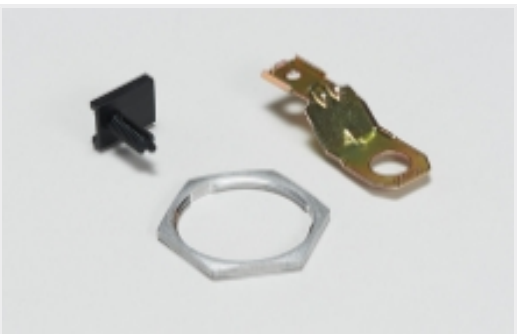
Automotive Connector Locks & Position Assurance(1)



Automotive Seals & Cavity Plugs(2)



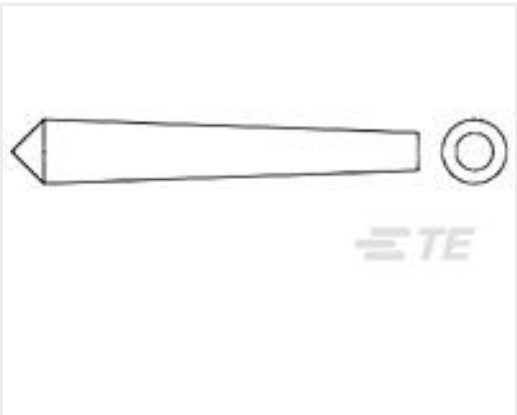
Connector Caps & Covers(1)



Other Automotive Connector Accessories(2)

Customers Also Bought

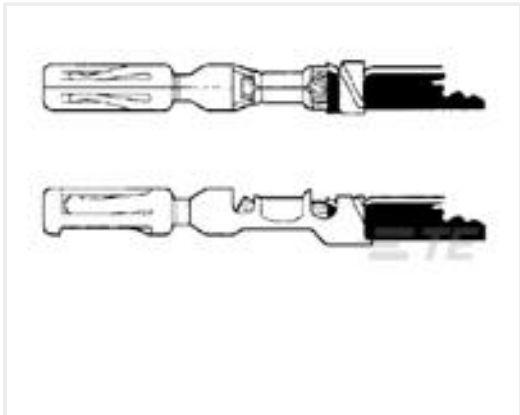




TE Part #770678-1
SEAL PLUG, AMPSEAL



TE Part #CAT-AM78-CH8172
AMPSEAL Receptacle Housings



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



TE Part #1-776231-6
35POS,PIN DIA 1.3,HDR ASSY,
180DEG,COD 6



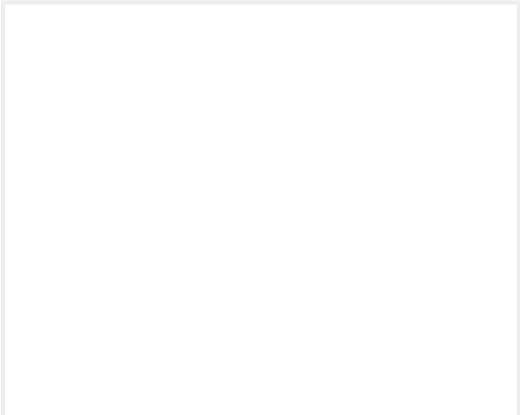
TE Part #796861-3
3 POS TERMI-BLOK PLUG VERTICAL



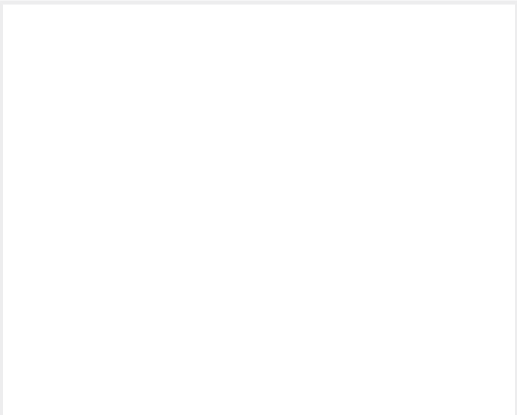
TE Part #1630027-1
HSC300 100R 5%



TE Part #1-1718484-3
CARRIER FOR RECEPTACLE INSERTS



TE Part #HDB36-24-31PT-059
PL 24 SHL 31 WY T SEAL REV BKWY
CLMP



TE Part #5-2208738-0
PLATE,FAMILY SEAL COVER,105POS

Documents

Product Drawings

23POS,AMPSEAL,SOC HSG ASSY,SLD,COD 5

English

CAD Files

Customer View Model

ENG_CVM_CVM_770680-5_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770680-5_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770680-5_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