776429-2 ✔ ACTIVE

AMP | AMPSEAL 16

TE Internal #: 776429-2

12 V / 240 V / 48 V, 3 Position, Automotive Plug, Wire-to-Wire, 4.5 mm [.177 in] Centerline, Sealable, Black, Wire & Cable, AMPSEAL 16

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Automotive Parts > Automotive Connectors > Automotive Housings > AMPSEAL 16 Housings



Nominal Voltage Architecture: **12 V, 24 V, 48 V, 240 V**

Connector & Housing Type: **Plug**

Number of Positions: **3**

Sealable: **Yes**

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

All AMPSEAL 16 Housings (224)

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-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V, 24 V, 48 V, 240 V

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Connector & Keying Code	B

Contact Features

Contact Size	1.5mm
Contact Type	Socket
Mating Pin Diameter	1.5 mm[.06 in]

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 GF
Centerline (Pitch)	4.5 mm[.177 in]

Dimensions

Product Width	36.8 mm[1.449 in]
Product Length	24.83 mm[.978 in]
Connector Height	23.5 mm[.925 in]

Usage Conditions

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

Industry Standards

IP Rating	IP67
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	22
Packaging Method	Tube

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

Compatible Parts



TE Part # 2272179-2
AMPSEAL 16 PERIPHERAL SEAL 3P - SERVICE



TE Part # CAT-AM7801-T273
AMPSEAL 16 CONTACTS



TE Part # CAT-AM7801-B128
AMPSEAL 16 Connectors Backshell



TE Part # CAT-AM7801-CH8172
AMPSEAL 16 Housings



TE Part # CAT-AM7801-T618
Removal Tools — AMPSEAL 16

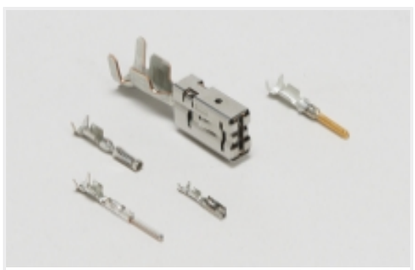


TE Part # 776363-1
SEALING PLUG, SZ 16 CAVITY

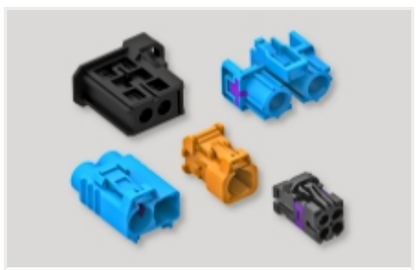
Also in the Series | AMPSEAL 16



Automotive Connector Caps & Covers (5)



Automotive Terminals(35)

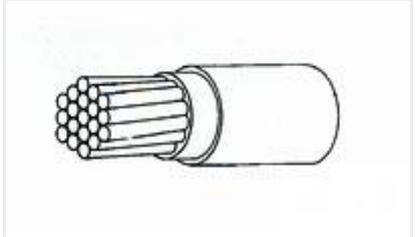


Data Connectivity Housings(8)

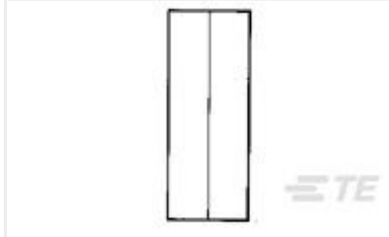
Customers Also Bought



TE Part #7501716018
RBK-ILS-125-NR4-0-38MM



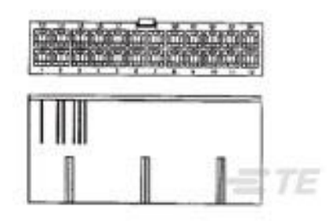
TE Part #165233-000
22759/34-6-2



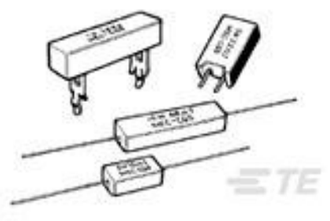
TE Part #36909
SPLICE,SOLIS PARA 3/0



TE Part #CAT-AM7801-CH8172
AMPSEAL 16 Housings



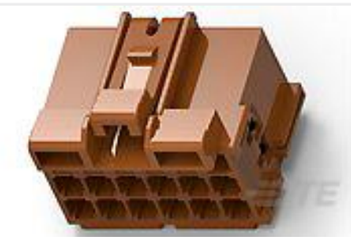
TE Part #1586000-8
8P FH PLUG VAL-U-LOK V2



TE Part #3-1623795-5
SQP5 3R3 5% WIRE



TE Part #2292861-3
AS16,CAP BACKSHELL KIT,ST,03P, NC08



TE Part #3-967624-6
JUN-POW-TIM GEH 18P



TE Part #1326455-1
ASSY, PLUG, 2P SEALED, 2.8 MCP

Documents

Product Drawings

AS16,PLUG ASSY,ST,03P,N SEAL,CODE B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776429-2_F_c-776429-2-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_776429-2_F_c-776429-2-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776429-2_F_c-776429-2-f.3d_stp.zip

English

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

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English