776315-1 ✔ ACTIVE

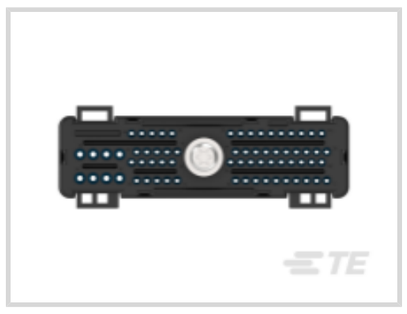
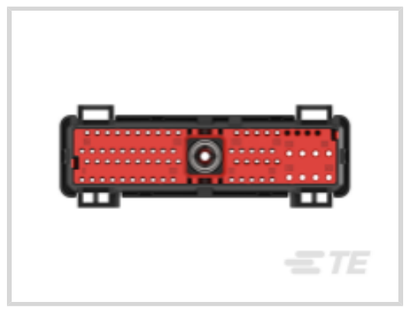
TE Internal #: 776315-1

Plug, Wire-to-Board, 68 Position, 3.4 mm / 4.44 mm [.133 in / .175 in] Centerline, Sealable, Black, Wire & Cable, Power & Signal

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **68**

Connector & Housing Type: **Plug**

Centerline (Pitch): **3.4 mm, 4.44 mm [.133 in, .175 in]**

Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Contact Retainer

Configuration Features

Number of Positions	68

Electrical Characteristics

Operating Voltage	12 VDC

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	Size 16, Size 20
Contact Type	Socket
Mating Pin Diameter	1 mm, 1.59 mm[.039 in][.062 in]

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Polyphenylene Sulfide (PPS)
Centerline (Pitch)	3.4 mm, 4.44 mm[.133 in][.175 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	72
Packaging Method	Tray/Box

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 776232-1
"O" RING

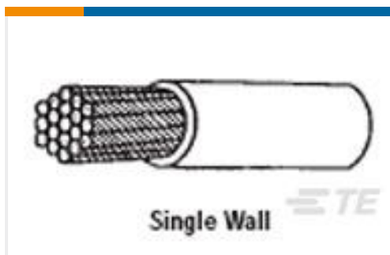
Customers Also Bought



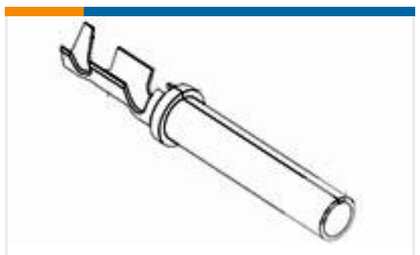
TE Part #HD14-9-1939P
REC, 9P, BLK, N, THRD, J1939, TYPE 1



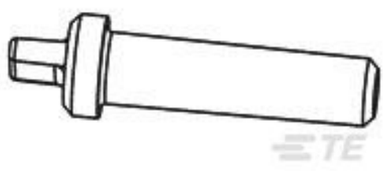
TE Part #6-1879354-3
RR03 5% 120R AMMO



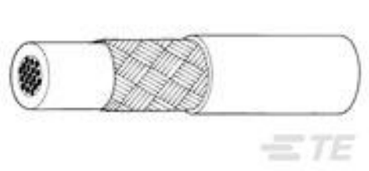
TE Part #793893-000
82A0111-24-9



TE Part #776492-1
SOC, SF, SIZE 16, 14-18 AWG, AU/SN



TE Part #776364-1
SEALING PLUG, SZ 20 CAVITY



TE Part #172071-000
82A1111-24-9-9



TE Part #2063677-2
SDE MCP1.5 1.5mm2 DIE SET



TE Part #776501-1
WIRE DRESS COVER, TALL, 68 POS



TE Part #484218-E
SRCBUG A 2,54 2-WH 5 CSI 164 E1 ADV J 2



TE Part #1-1904027-1
V23234A1004X050-EV-100

Documents

Product Drawings

68 POSITION PLUG ASSEMBLY

English

68 POSITION PLUG ASSEMBLY

English

CAD Files

Customer View Model

ENG_CVM_CVM_776315-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_776315-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_776315-1_B.3d_stp.zip

English

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

Product Specifications

Application Specification

English