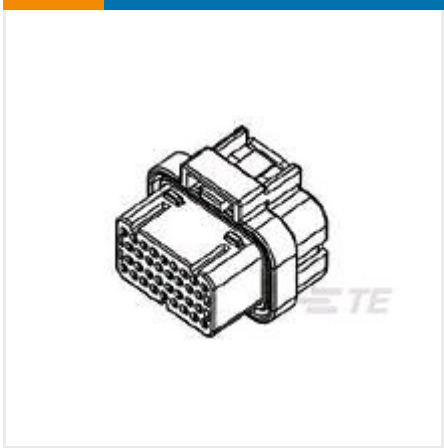




+ CONNECTORS

AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS



✓ Active

TE CONNECTIVITY (TE)
PLUG HOUSING 18P B KIT

AMP | AMP Superseal 1.5mm Series

8-1447231-1
TE Internal Number: 8-1447231-1
Alias ID: 102241-18

EU RoHS Compliant
EU ELV Compliant

Connector Style Housing for female terminals
Mating Pin Diameter 1.3 mm [.051 in]
Connector System Wire-to-Board, Wire-to-Device
Number of Positions 18
Centerline (Pitch) 4 mm [.157 in]

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

WATER SEALED ECU CONNECTOR PLUG HOUSING ASSEMBLY KIT

PDF (TIFF AVAILABLE)
English

WATER SEALED ECU CONNECTOR PLUG HOUSING ASSEMBLY KIT

PDF (TIFF AVAILABLE)
English

CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

- Connector Style** Housing for female terminals
- Connector System** Wire-to-Board, Wire-to-Device
- Sealable** Yes
- Hybrid Connector** No
- Primary Locking Feature** Integrated in Housing
- Strain Relief** No
- Row-to-Row Spacing** 4 mm [.157 in]

Configuration Features

- Number of Positions** 18
- Number of Rows** 3

Electrical Characteristics

- Nominal Voltage Architecture (V)** 12, 24, 42, 48, 80, 90, 125, 240
- Operating Voltage (VDC)** 250

Body Features

- Color** Gray
- Cable Exit Angle** 180°
- Body Material** PBT GF

Contact Features

- Mating Pin Diameter** 1.3 mm [.051 in]

Mechanical Attachment

- Mounting Feature** No
- Terminal Position Assurance** No
- Polarized** Yes

Housing Features

Centerline (Pitch) 4 mm [.157 in]

Dimensions

Width 30.2 mm [1.189 in]

Height 27.3 mm [1.075 in]

Length 25.7 mm [1.012 in]

Usage Conditions

Operating Temperature Range -30 – 125 °C [-22 – 257 °F]

Industry Standards

Degree of Protection Other

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube

Other

Connector Position Assurance Capable No

Serviceable Yes

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF