# 1703799-1 ✔ ACTIVE

AMP | LEAVYSEAL

TE Internal #: 1703799-1

Housing for Male Terminals, Wire-to-Wire, 15 Position, 5 mm [.197 in] Centerline, Sealable, Black, Wire & Cable, Power, LEAVYSEAL

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings > LEAVYSEAL Connector Housings



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

Number of Positions: **15**

Connector & Housing Type: **Housing for Male Terminals**

Centerline (Pitch): **5 mm [ .197 in ]**

Sealable: **Yes**

All LEAVYSEAL Connector Housings (64)

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 15 |
| Number of Rows | 3 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 28 VDC |

### Body Features

| | |
|---|---|
| Cable Exit Angle | 90° |
| Primary Product Color | Black |
| Connector & Keying Code | A |

## Contact Features

| | |
|---|---|
| Contact Size | 2.8mm |
| Contact Type | Tab |
| Mating Tab Width | 2.8 mm[.11 in] |
| Contact Current Rating (Max) | 30 A |

## Mechanical Attachment

| | |
|---|---|
| Terminal Position Assurance | No |
| Strain Relief | With |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Housing Material | PBT GF20 |
| Centerline (Pitch) | 5 mm[.197 in] |

## Dimensions

| | |
|---|---|
| Connector Height | 57 mm[2.24 in] |
| Product Width | 43.4 mm[1.7 in] |
| Product Length | 57.2 mm[2.25 in] |
| Row-to-Row Spacing | 5.5 mm[.216 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature (Max) | 120 °C[248 °F] |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power |

## Industry Standards

| | |
|---|---|
| Degree of Protection | IP67, IP6K9K |
| UL Flammability Rating | UL 94HB |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 126 |
| Packaging Method | Box |

## 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 1703806-1
ADAPTER,SEALED,ASSY



TE Part # 1703804-1
SLIDE,FOR TAB HOUSING, 15POS.



TE Part # 9-1394049-1
COVER F.15P REC-HSG



TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 1-1534126-1
AMP MCP 2.8 SOCKET HSG.,15POS. ASSY



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON

TE Part # 1703806-2
ADAPTER,SEALED,ASSY

## Also in the Series | LEAVYSEAL



Automotive Connector Caps & Covers (18)



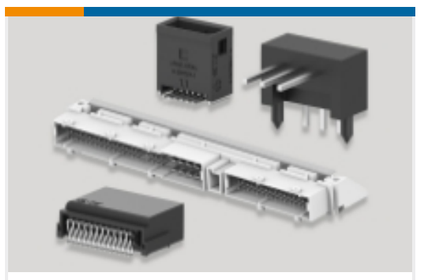
Automotive Housings(79)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(15)

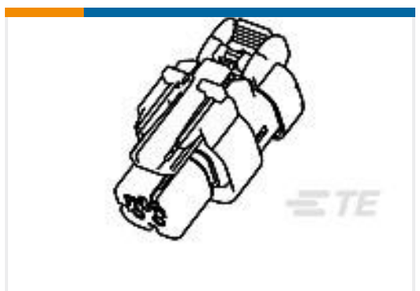


PCB Headers & Receptacles(16)

## Customers Also Bought



TE Part #3-1718324-1
LEAVYSEAL Connector Housings



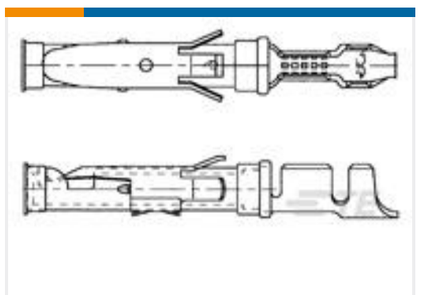
TE Part #776522-2
AS16,PLUG ASSY,ST,02P,E SEAL, CODE B



TE Part #1718328-1
FIXING SLIDE



TE Part #EM8997-000
RBK-85-KIT-0510-A0



TE Part #1-163088-0
SPEC. PLATED



TE Part #2137740-1
HVP1100 1POS HEADER 90 DEG ASSY SLD



TE Part #1-1355122-2
SHIELD, 60POSN. RECEPTACLE HOU

# Documents

## Product Drawings

15POS,TAB 2.8X0.8,TAB HSG,ASSY

English

## CAD Files

3D PDF

English

### Customer View Model

ENG_CVM_1703799-1_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_1703799-1_B.3d_stp.zip

English

### Customer View Model

ENG_CVM_1703799-1_B.2d_dxf.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

German

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## TE Connectivity:

1-962915-1 2-292161-3 2377783-2 2834055-1 ROX05SJ18R SMW73R0JT 1903112-2 2380312-2 3-1393225-0 650075-000 SBCHE64R7K TE50BR39J 141991-2 3631B101LL RH73H2A40MKTN 1393431-1 2005330-1 2310537-1 917696-1 CRGCQ2010J3K3 MPT100C18RF 175977-2 936348-1 1969656-1 SBCHE154R7K U5254-000005-030PA 1-794222-0 CPF0402B37K4E1 1743455-2 3430B2F51RTDF