# 353251-1 ✔ ACTIVE

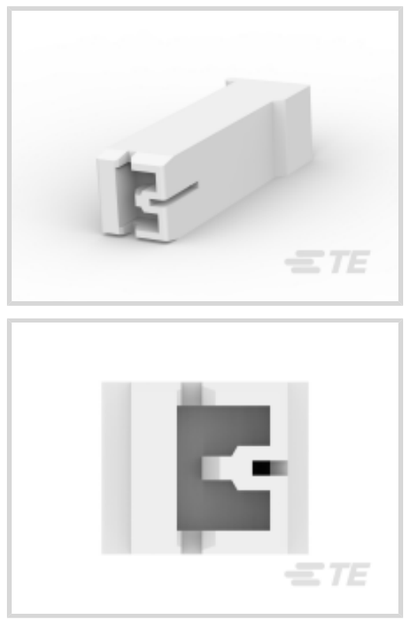
Positive Lock | Positive Lock 110

TE Internal #: 353251-1

Receptacle Terminal Housing, 1 Position, Straight, Natural, UL 94V-0, Nylon, Cable Mount (Free-Hanging), Positive Lock 110

View on TE.com >

Terminals & Splices > Terminal Housings, Insulation Sleeves & Blocks > Crimp Terminal Housings



Terminal Type: **Receptacle**

Connector & Housing Type: **Receptacle**

Number of Positions: **1**

Terminal Orientation: **Straight**

UL Flammability Rating: **UL 94V-0**

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Terminates To | Wire & Cable |
| Sealable | No |
| Connector & Housing Type | Receptacle |

### Configuration Features

| | |
|---|---|
| Number of Positions | 1 |

### Body Features

| | |
|---|---|
| Primary Product Color | Natural |

### Contact Features

| | |
|---|---|
| Terminal Type | Receptacle |
| Terminal Orientation | Straight |
| Contact Mating Retention | Without |

### Mechanical Attachment

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

### Housing Features

| | |
|---|---|
| Housing Material | Nylon |

### Dimensions

| | |
|---|---|
| Product Length | 20.9 mm[.822 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

### Industry Standards

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

## 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 1827628-1
POSITIVE LOCK EX 110 HOUSING



TE Part # 353249-2
110 PL EX REC. 26-22AWG PTPHBZ

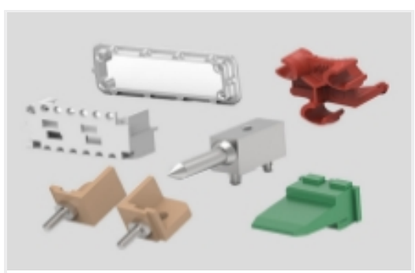


TE Part # 353250-2
110 PL EX REC. 20-16AWG PTPHBZ

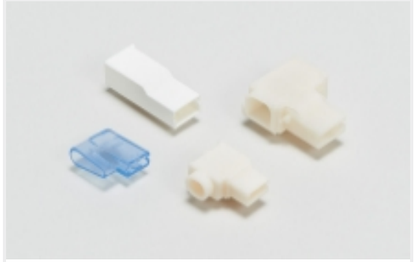


TE Part # 353253-2
PL EX 110 (2.8 MM) HOUSING RECEPTACLE

## Also in the Series | Positive Lock 110



Connector Hardware(2)



Crimp Terminal Housings(9)



Insertion & Extraction Tools(1)



Quick Disconnects(8)

## Customers Also Bought



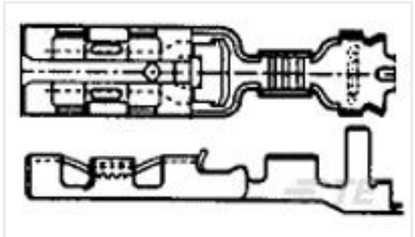
TE Part #176498-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



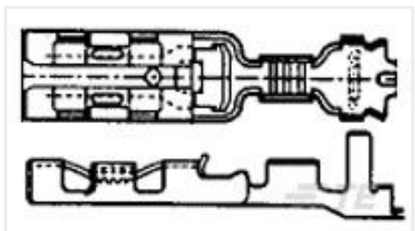
TE Part #179862-1
AMP POWER D/LOCK PLUG HSG 6P



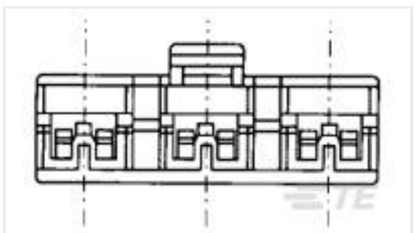
TE Part #316062-1
POWER DBL LOCK PLATE 3P /6.5MM



TE Part #353249-2
110 PL EX REC. 26-22AWG PTPHBZ



TE Part #353250-2
110 PL EX REC. 20-16AWG PTPHBZ



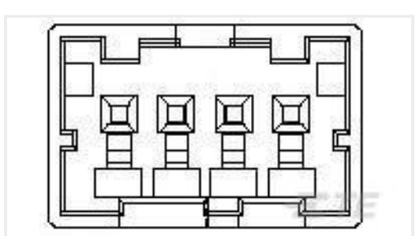
TE Part #353255-7
110 HSG. PL EX REC. 7.6mm 3P RED



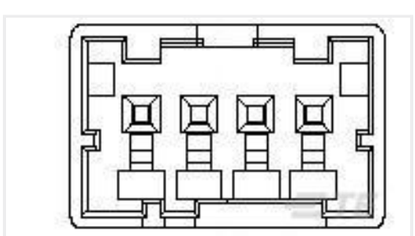
TE Part #917687-1
2.5 SIGNAL D/LOCK PLUG HSG 3P



TE Part #5-1565089-1
GRACE INERTIA CONNECTOR 3.5 2P PLATE



TE Part #1-1903393-2
GIC 2.5 W CAP HSG 4P RED



TE Part #2-1903393-3
GIC 2.5 W CAP HSG 4P BLUE

# Documents

## Product Drawings

PL EX 110 (2.8 MM) HOUSING RECEPTACLE

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_353251-1_C.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_353251-1_C.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_353251-1_C.3d_stp.zip

English

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

## Datasheets & Catalog Pages

Positive Lock Receptacles

English

110_Positive_Lock_Housings

English

POS_LOCK_MII_QRG

English

2P_Positive_Lock_HSGS

English

## Product Specifications

Application Specification

English

110 Series Positive Lock EX-III Contact

Japanese

Application Specification

Japanese

110 Series Positive Lock EX-III Contact

English

## Agency Approvals

UL Report

English