# 353250-2 ✔ ACTIVE

Positive Lock | Positive Lock 110

TE Internal #: 353250-2

Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width 2.8 mm [.11 in], Straight, Positive Lock 110, Quick Disconnects

View on TE.com >

Terminals & Splices > Quick Disconnects

Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

Mating Tab Width: **2.8 mm [ .11 in ]**

Terminal Orientation: **Straight**

## Features

### Configuration Features

| | |
|---|---|
| Connection Capacity | Single |
| Compatible With Wire & Cable Type | Discrete Wire |

### Contact Features

| | |
|---|---|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 2.8 mm[.11 in] |
| Terminal Orientation | Straight |
| Contact Base Material | Phosphor Bronze |
| Terminal Plating Material | Pre-Tin |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

### Termination Features

| | |
|---|---|
| Product Terminates To | Wire & Cable |

### Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | With |

## Dimensions

| | |
|---|---|
| Terminal Material Thickness | .25 mm[.01 in] |
| Compatible Insulation Diameter Range | 2.01 – 3.1 mm[.079 – .12 in] |
| Wire Size | .51 – 1.31 mm² |

## Usage Conditions

| | |
|---|---|
| Insulation Option | Uninsulated |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 4000 |
| Packaging Method | Strip/Reel |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

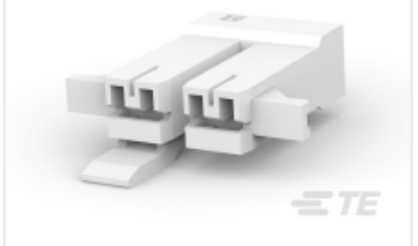
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List 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

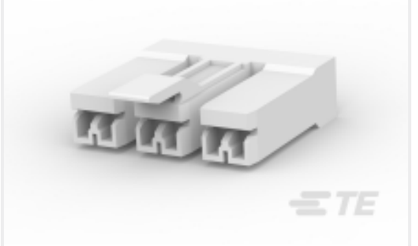
# Compatible Parts

TE Part # 353251-1
PL EX 110 (2.8 MM) HOUSING RECEPTACLE



TE Part # 353253-1
PL EX 110 (2.8 MM) HOUSING RECEPTACLE

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

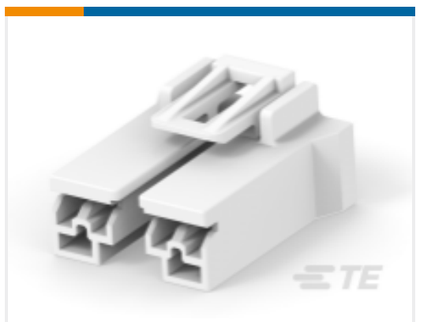


TE Part # 353255-1
110 HSG. PL EX REC. 7.6mm 3P NAT

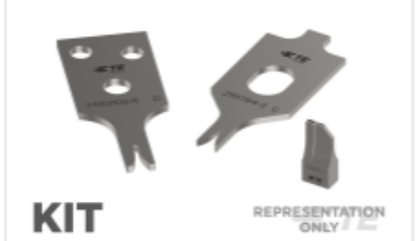
TE Part # 2151117-1
OCEAN_2.0_Applicator-S-080F130F-RSM

TE Part # 2151117-2
OCEAN_2.0_Applicator-S-080F130F-RSA

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2468539-1
110 PL EX HSG.,REC.,8MM,2P, NATURAL

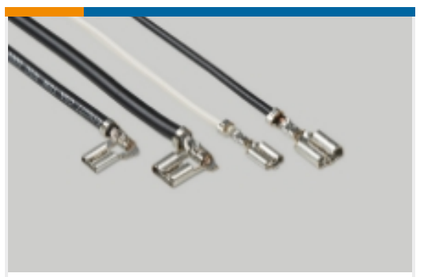



TE Part # 7-2151117-7
OCEAN_2.0_SPARE_PART_KIT-080F130F

## Also in the Series | Positive Lock 110

Crimp Terminal Housings(12)

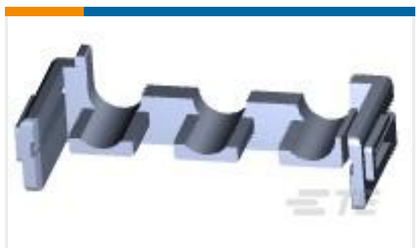
Insertion & Extraction Tools(1)



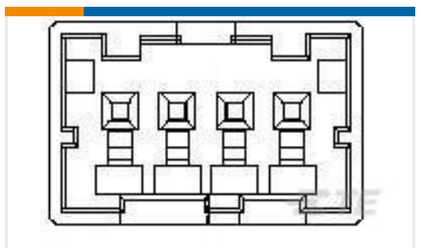
Quick Disconnects(8)

## Customers Also Bought

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

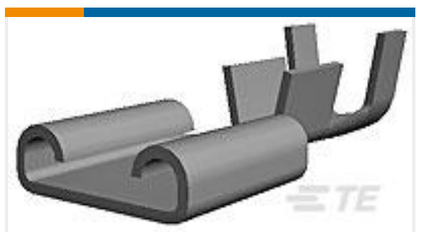


TE Part #316062-1
POWER DBL LOCK PLATE 3P /6.5MM



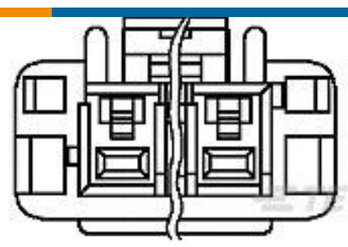
TE Part #1-1903393-2
GIC 2.5 W CAP HSG 4P RED

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

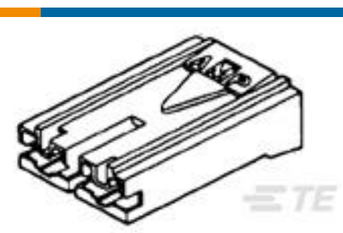


TE Part #170183-1
250 FASTON,REC.,22-18 AWG,BR

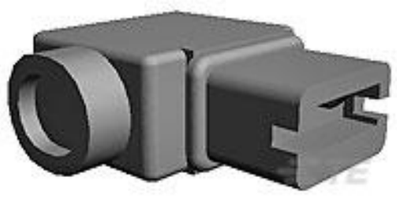
TE Part #175019-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #1-1376388-2
5MM POWER KEY 2P PLUG HSG RED



TE Part #179720-1
187 HSG. PL MKII REC. 10mm 2P NAT



TE Part #1-178708-1
187 SLEEV PL EX FLAG NAT

TE Part #2119342-1
HOLDER, FEED FINGER

## Documents

### Product Drawings

110 PL EX REC. 20-16AWG PTPHBZ

Japanese

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_353250-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_353250-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_353250-2_F.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

110 Series Positive Lock EX-III Contact

Japanese

Application Specification

Japanese

110 Series Positive Lock EX-III Contact

English

## Instruction Sheets

### Instruction Sheet (non U.S.)

English

### Japanese

English

## Agency Approvals

### UL Report

English