



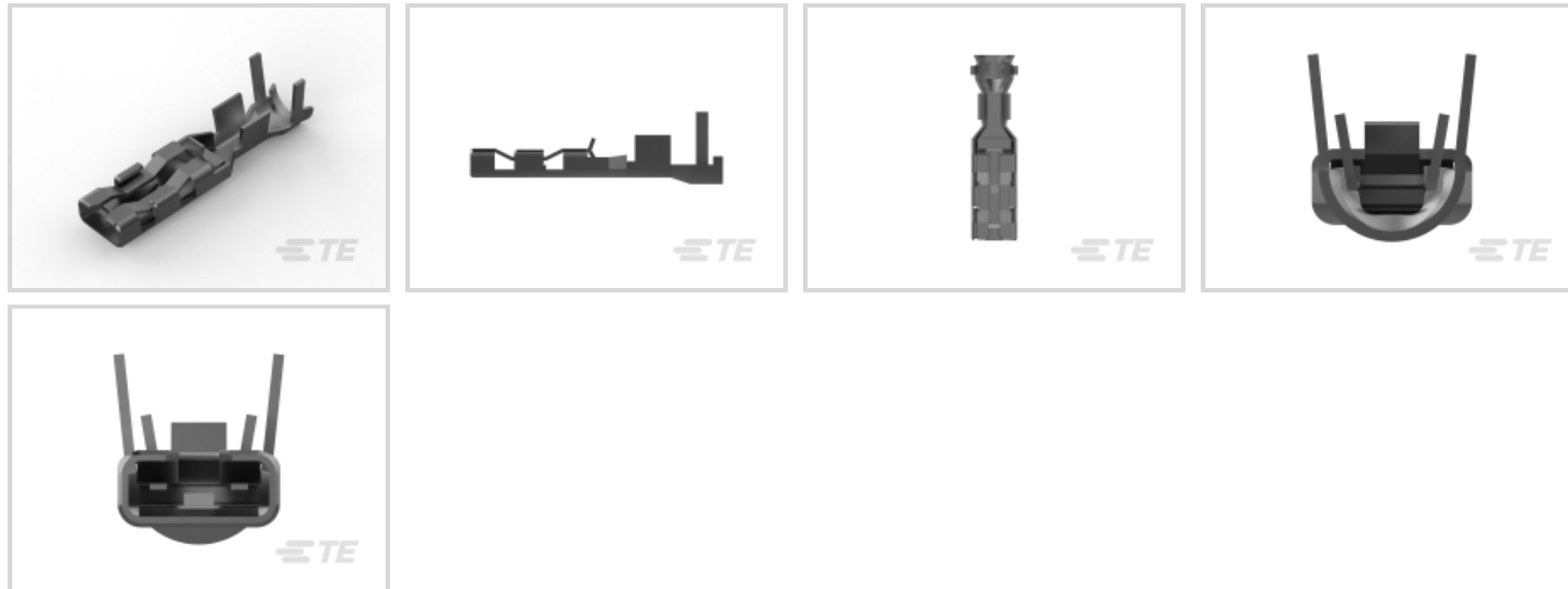
Positive Lock | Positive Lock 110

TE Internal #: 353250-2

Quick Disconnect Receptacle, 20 – 16 AWG, .51 – 1.31 mm<sup>2</sup> Wire, 2.8 mm [.11 in] Tab Width, Straight, Phosphor Bronze, Positive Lock 110

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm<sup>2</sup>**

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

Terminal Orientation: **Straight**

**Features**

**Termination Features**

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

**Configuration Features**

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

**Mechanical Attachment**

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

**Packaging Features**

Packaging Quantity	4000
Packaging Method	Strip/Reel

**Dimensions**

Compatible Insulation Diameter Range	2.01 – 3.1 mm [.079 – .12 in]
Terminal Material Thickness	.25 mm [.01 in]
Wire Size	.51 – 1.31 mm <sup>2</sup>

**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

### Usage Conditions

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

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### 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 # 2151117-1  
OCEAN\_2.0\_Applicator-S-080F130F-RSM



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



TE Part # 7-2151117-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-080F130F



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



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



TE Part # 2151117-2  
OCEAN\_2.0\_Applicator-S-080F130F-RSA



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

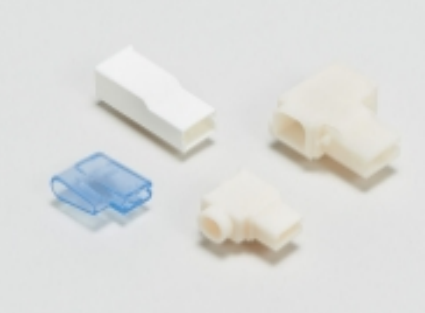


TE Part # 353251-1  
PL EX 110 (2.8 MM) HOUSING RECEPTACLE


## Also in the Series | Positive Lock 110




Connector Hardware(2)



Crimp Terminal Housings(10)

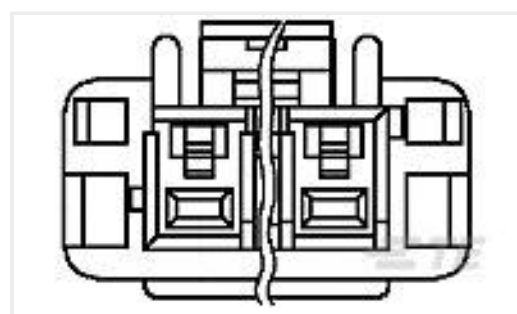


Insertion & Extraction Tools(1)

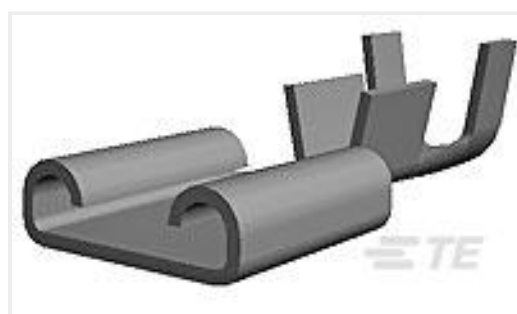


Quick Disconnects(8)

## Customers Also Bought



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



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



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



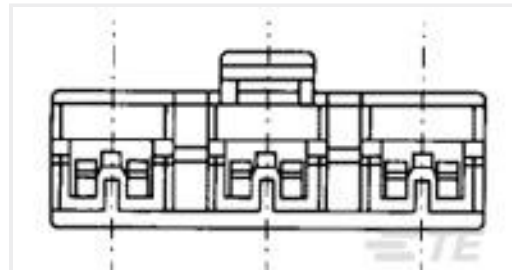
TE Part #175019-1  
187 PL EX FLAG REC. 22-16AWG PTBR



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



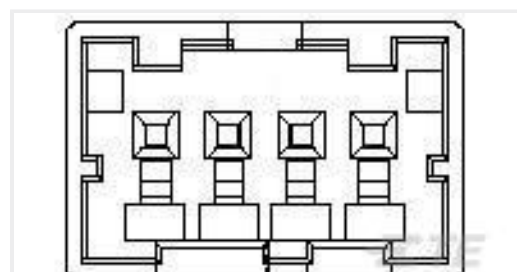
TE Part #176498-1  
POSITIVE LOCK 187 (4.8 MM)  
HOUSING



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



TE Part #1-178708-7  
PL EX SLEEVE 187 FLAG RED 6/6  
NYLON



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



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