

63239-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 250](#)

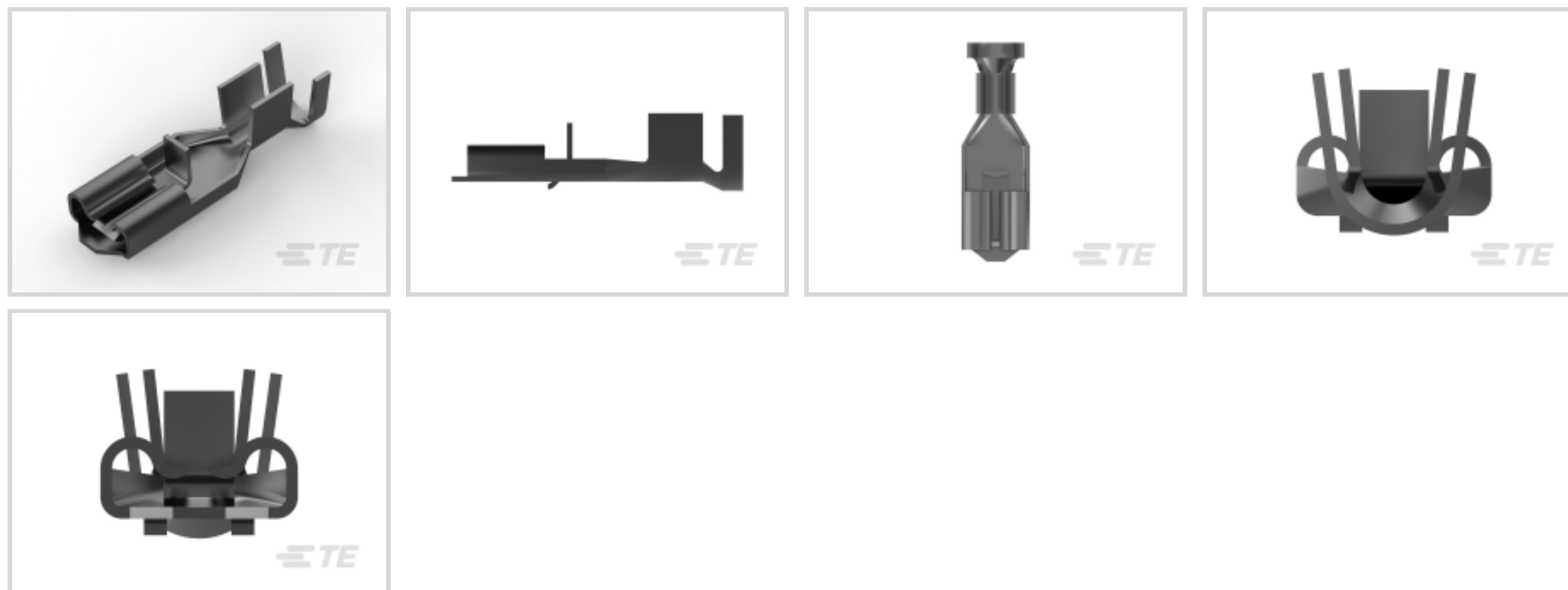
TE Internal #: 63239-1

Quick Disconnects, Receptacle, 12 – 10 AWG Wire Size, 3.31 – 5.26 mm<sup>2</sup> Wire Size, Mating Tab Width .25 in [6.35 mm], Straight, Brass, Positive Lock 250

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **3.31 – 5.26 mm<sup>2</sup>**

Mating Tab Width: **6.35 mm [ .25 in ]**

Mating Tab Thickness: **.81 mm [ .032 in ]**

## Features

### Product Type Features

Terminates To	Wire & Cable
Wire Stop	No
Wire/Cable Type	Regular Wire
Insertion Force	Normal
Sealable	No

### Configuration Features

Connection Capacity	Single
---------------------	--------

### Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Tin
Crimp Type	F-Crimp



Barrel Type	Open
-------------	------

### Mechanical Attachment

Mating Retention Type	Dimple
Extraction Force	7 – 100 Newton
Wire Insulation Support	With

### Dimensions

Accepts Wire Insulation Diameter Range	3.81 – 5.08 mm [.15 – .2 in]
Overall Length	23.22 mm [.914 in]
Receptacle Terminal Stock Thickness	.46 mm [.018 in]
Wire Size	3.31 – 5.26 mm <sup>2</sup>

### Usage Conditions

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

### Industry Standards

UL Rating	Recognized
-----------	------------

### Packaging Features

Packaging Quantity	6000
Packaging Method	Strip/Reel

### Product Compliance

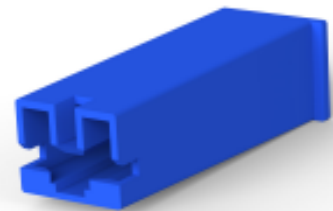
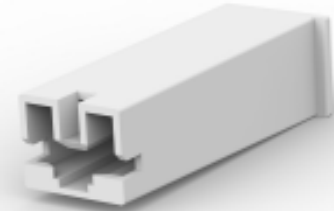


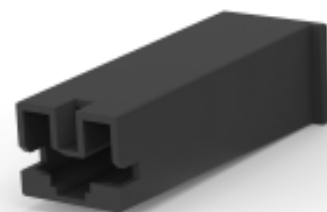



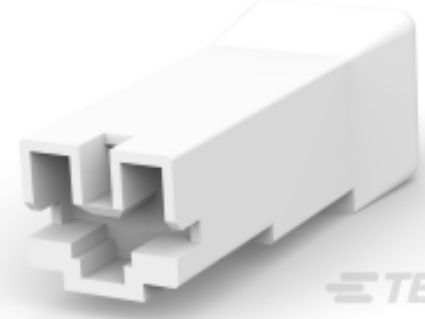
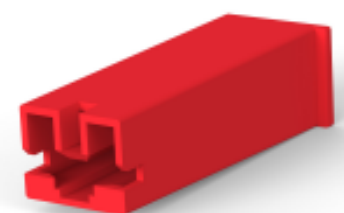

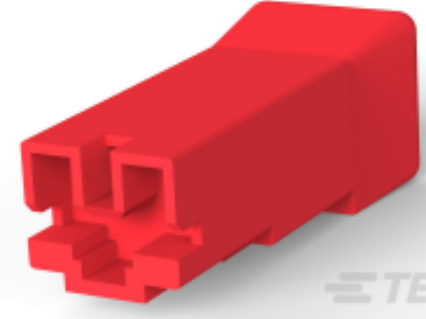
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # 172076-6 POSITIVE LOCK 250 HOUSING RECEPTACLE</p>	 <p>TE Part # 172076-1 POSITIVE LOCK 250 HOUSING RECEPTACLE</p>	 <p>TE Part # 1969864-1 2P, 250 SERIES, POSITIVE LOCK MARK II</p>	 <p>TE Part # 2-521229-1 PL EXII &amp; FASTON 250 HSG 2P NAT</p>
 <p>TE Part # 172076-2 PL MKII 250 REC HSG 1P NYLON BLACK</p>	 <p>TE Part # 341299-2 PL 250 REC TERMINAL 20-15 AWG PTPB</p>	 <p>TE Part # 178833-1 POSITIVE LOCK .250 HOUSING RECEPTACLE</p>	 <p>TE Part # 521229-1 PL 250 HOUSING RECEPTACLE NYLON 6/6</p>
 <p>TE Part # 177627-1 PL .250 (6.3 MM) HOUSING RECEPTACLE</p>	 <p>TE Part # 172076-7 PL MKII 250 REC HSG 1P NYLON RED</p>	 <p>TE Part # 174429-1 PL 250 HOUSING RECEPTACLE</p>	 <p>TE Part # 177627-7 PL .250 (6.3 MM) HOUSING RECEPTACLE</p>




TE Part # 1969820-1  
250 HIGH TEMP POS LOCK HSG LCP



TE Part # 172076-4  
POSITIVE LOCK 250 HOUSING RECEPTACLE



TE Part # 172076-5  
POSITIVE LOCK 250 HOUSING RECEPTACLE



TE Part # 521229-2  
PL 250 HOUSING RECEPTACLE RED NYLON 6/6



TE Part # 1969332-2  
POSITIVE LOCK 250 HOUSING RECEPTACLE



TE Part # 1969332-3  
POSITIVE LOCK 250 HOUSING RECEPTACLE




TE Part # 1969759-1  
Pos Lock 250 M INF SW Hsg 3P MKII V0




TE Part # 1969760-1  
POS LOCK 250 M INF SW HSG, 3P MKII V0


Also in the Series | Positive Lock 250



Automotive Terminals(1)



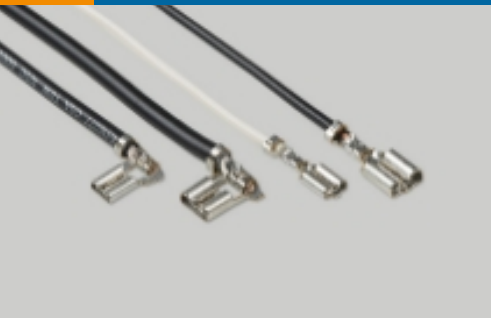
Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)

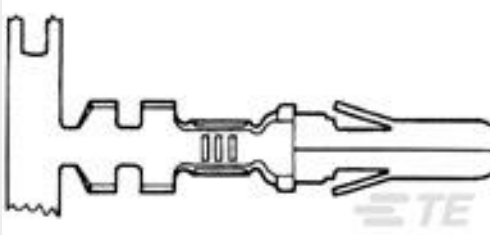


Quick Disconnects(189)

Customers Also Bought



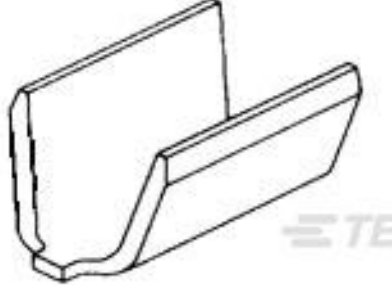
TE Part #60700-2  
RING CRIMP 20-16 AWG TPBR



TE Part #350201-2  
.140 DIA PIN 14-10 PTPPHBZ



TE Part #42946-2  
RING 12-8 AWG TPBR

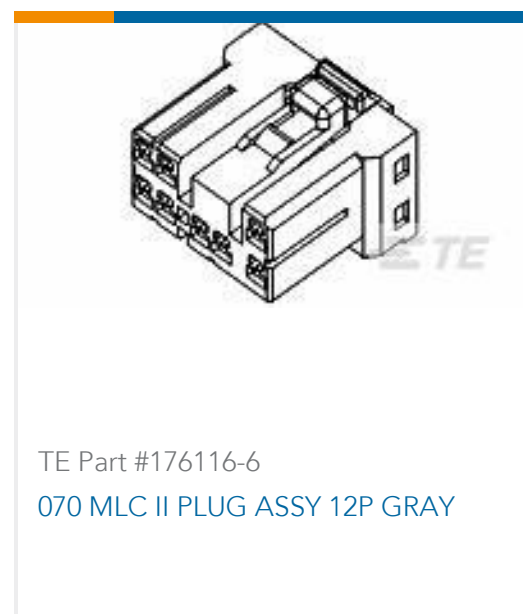


TE Part #62357-1  
SPLICE 7400-10000 .025 BR





TE Part #173858-6  
070 MLC CAP ASS'Y12P



TE Part #176116-6  
070 MLC II PLUG ASSY 12P GRAY



TE Part #1-1414686-0  
V23136A0004X058-EV-CBOX



TE Part #4-1904124-2  
V23074A1001A402-EV-CBOX



TE Part #2205096-1  
FSN-22.2Z-7

## Documents

### Product Drawings

#### POSITIVE LOCK 250 REC 12-10 AWG TPBR

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63239-1\\_AD.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63239-1\\_AD.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63239-1\\_AD.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

### Product Specifications

#### Product Specification

Japanese

#### "250" Series, Positive Lock Connector

Japanese

63239-1

Quick Disconnects, Receptacle, 12 – 10 AWG Wire Size, 3.31 – 5.26 mm<sup>2</sup> Wire Size,  
Mating Tab Width .25 in [6.35 mm], Straight, Brass, Positive Lock 250



## Product Environmental Compliance

### TE Material Declaration

English