



Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **240 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	240 VDC
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Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	Without
Contact Base Material	Brass
Contact Current Rating (Max)	23.5 A

Termination Features

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Termination Method to Wire & Cable	Crimp
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Dimensions

Wire Size	16 – 12 AWG
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Packaging Features

Packaging Method	Strip
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Product Compliance

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

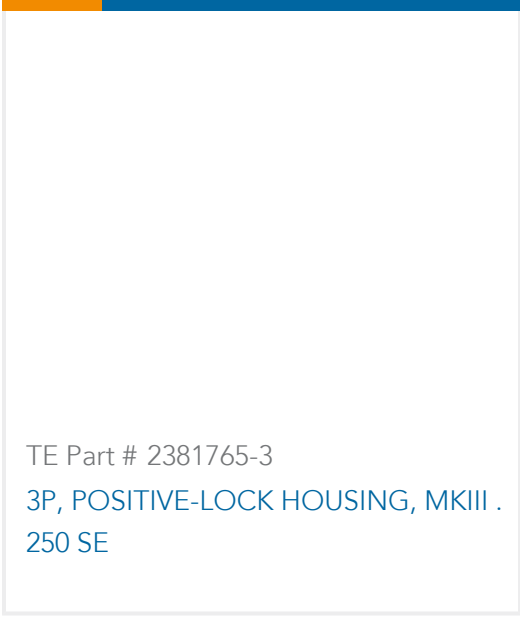
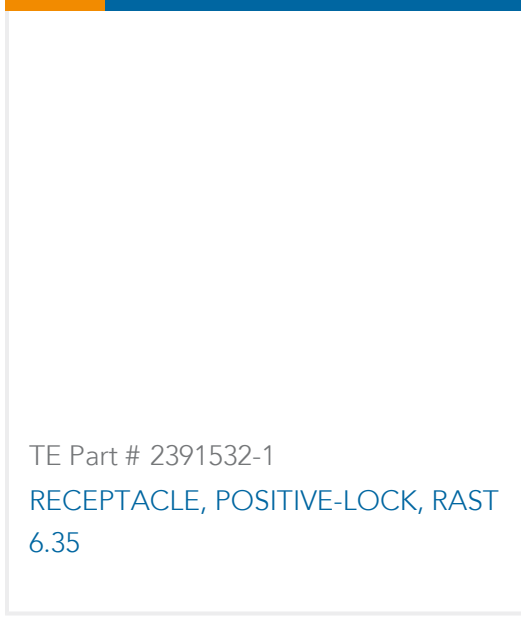
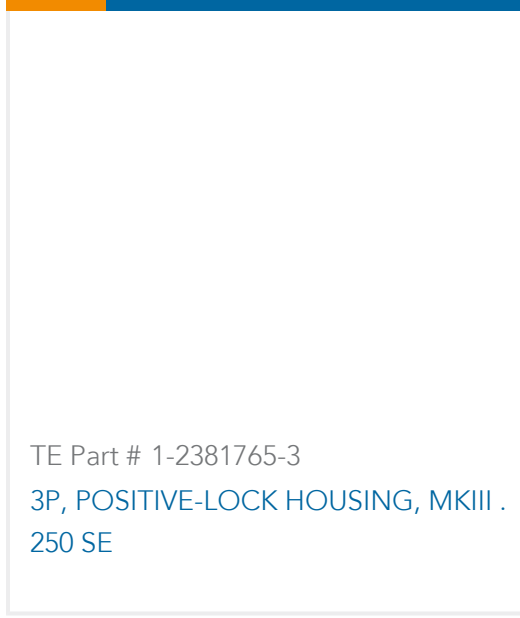
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not 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

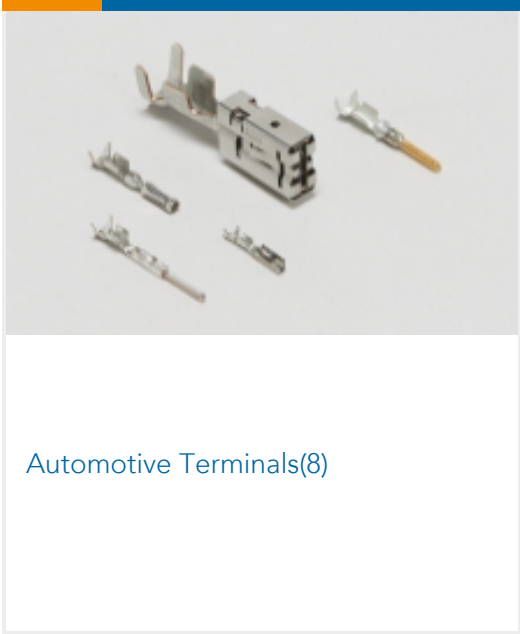
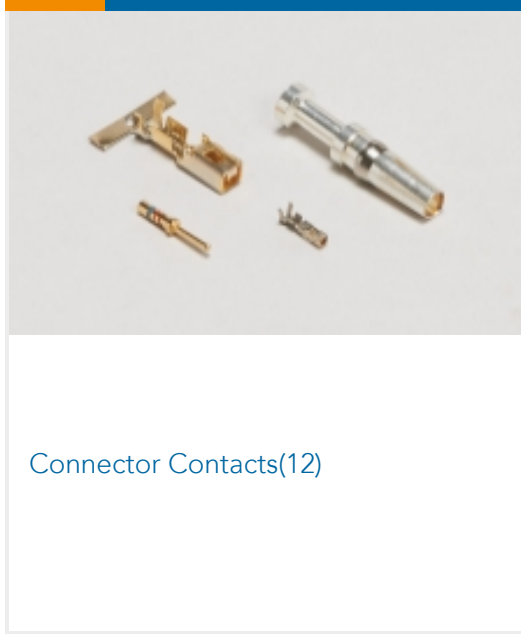
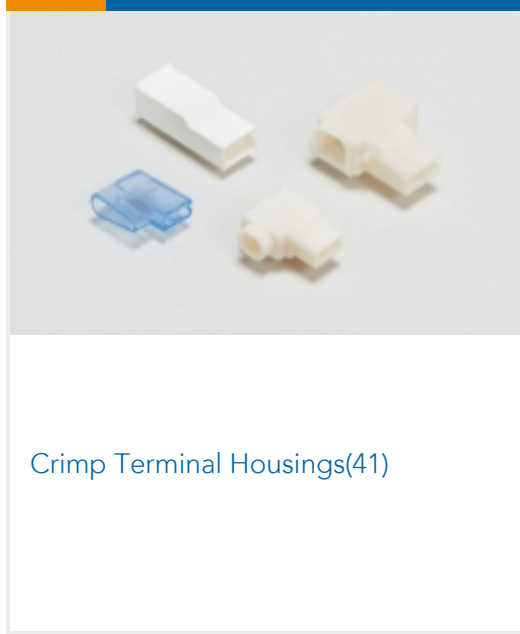
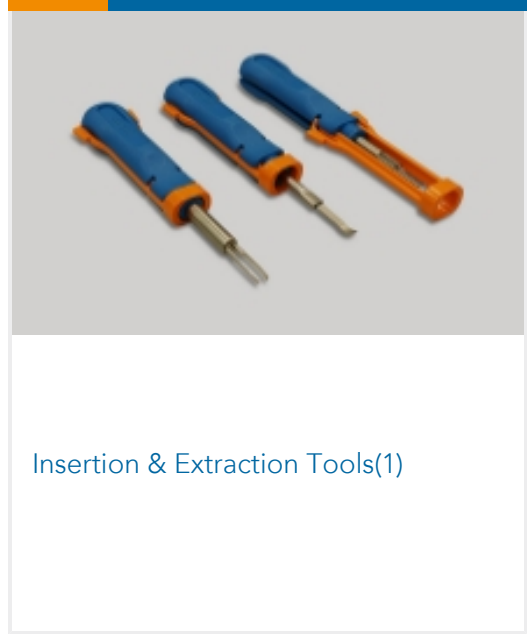
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-2150185-1 OCEAN_2.0_APPLICATOR-E-140F240F	 TE Part # 2-2150185-2 OCEAN_2.0_APPLICATOR-E-140F240FA	 TE Part # 2150185-1 OCEAN_2.0_APPLICATOR-E-140F240F	 TE Part # 2150185-2 OCEAN_2.0_APPLICATOR-E-140F240FA
 TE Part # 7-2150185-1 OCEAN_2.0_APPLICATOR-E-140F240F	 TE Part # 7-2150185-2 OCEAN_2.0_APPLICATOR-E-140F240FA	 TE Part # 7-2150185-7 OCEAN_2.0_SPARE_PART_KIT-140F240F	 TE Part # 9-521205-3 POSI-LOK HSG, .250, 3 POS RAST5
 TE Part # 1217094-3 RCPT 250 POS-LOCK 18-14 TPBR	 TE Part # 1217095-3 RCPT 250 POS-LOCK 16-12 TPBR	 TE Part # 1742701-1 RCPT 250 POS-LOCK 18-14 0126BR	 TE Part # 1742701-2 RCPT 250 POS-LOCK 18-14 TPBR
 TE Part # 2381765-3 3P, POSITIVE-LOCK HOUSING, MKIII .250 SE	 TE Part # 2391532-1 RECEPTACLE, POSITIVE-LOCK, RAST 6.35	 TE Part # 1-2381765-3 3P, POSITIVE-LOCK HOUSING, MKIII .250 SE	

Also in the Series | RAST 5 IDC Connectors

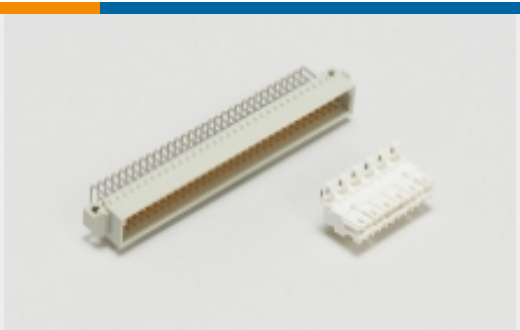
 Automotive Terminals(8)	 Connector Contacts(12)	 Crimp Terminal Housings(41)	 Insertion & Extraction Tools(1)
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PCB Headers & Receptacles(417)



Rectangular Connector Housings(1)



Standard Edge Connectors(34)



Standard Rectangular Connectors(68)

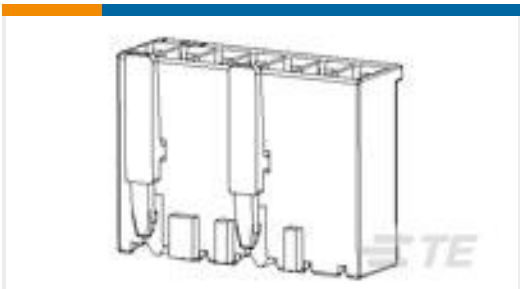


Wire-to-Board Connector Assemblies
& Housings(214)



Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Part #6-928247-2
2P ST-TIMER GEH



TE Part #521204-1
POSI-LOK HSG.250-2 POS RAST5



TE Part #42742-2
250 FASTON FLAG REC 18-12 AWG
TPBR



TE Part #9-1418506-2
MCP6,3 RECEPTACLE HOUSING 2POS



TE Part #1803043-1
CRIMPER, SPECIAL PREMIUM



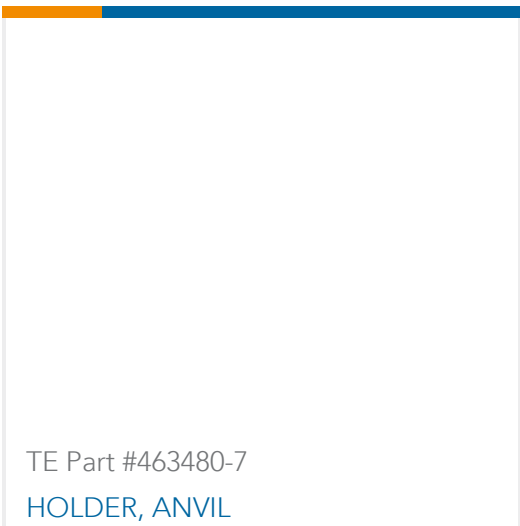
TE Part #7-2837885-7
OCEAN_2.0_SPARE_PART_KIT-
080F130O



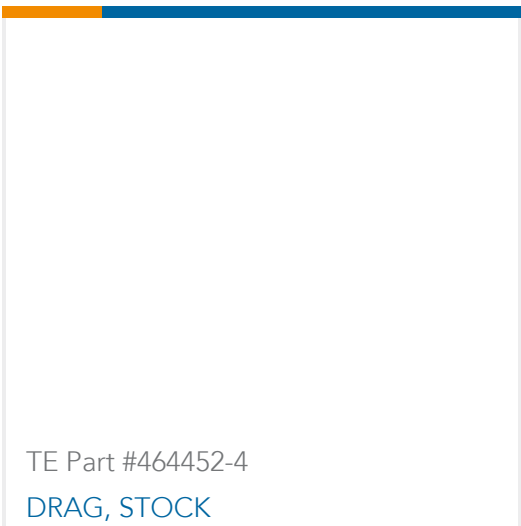
TE Part #354003-3
CRIMPER, "F"



TE Part #354004-3
INSERT, ANVIL



TE Part #463480-7
HOLDER, ANVIL



TE Part #464452-4
DRAG, STOCK

Documents



Product Drawings

RCPT 250 POS-LOCK 16-12 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217095-2_C_c-1217095-2-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217095-2_C_c-1217095-2-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217095-2_C_c-1217095-2-c.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Positive Lock Receptacles

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English