



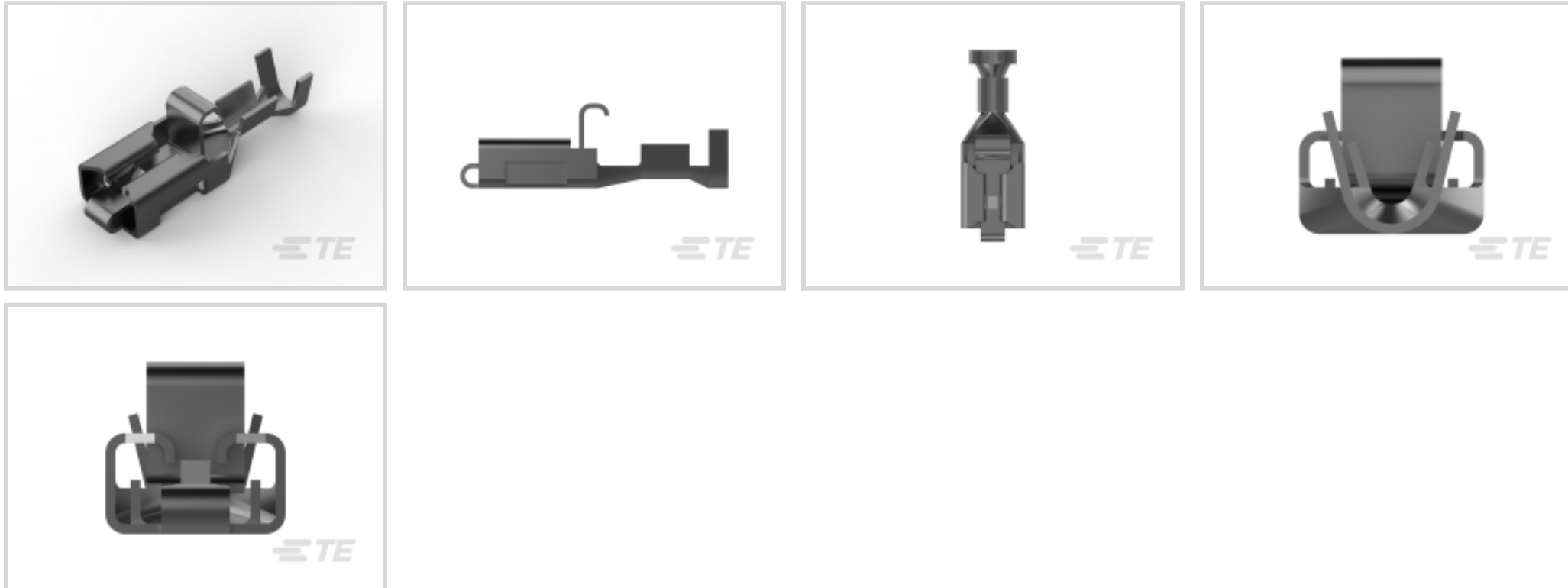
[Positive Lock](#) | [Positive Lock 250](#)

TE Internal #: 170233-2

Quick Disconnects, Receptacle, 20 – 14 AWG Wire Size, .51 – 2.08 mm² 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: .51 – 2.08 mm²

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	Low
Sealable	No

Configuration Features

Connection Capacity	Single
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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
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Mechanical Attachment

Mating Retention Type	Dimple
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Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	2.1 – 3.4 mm [.082 – .134 in]
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Overall Length	22.1 mm [.87 in]
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Receptacle Terminal Stock Thickness	.41 mm [.016 in]
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Wire Size	.51 – 2.08 mm ²
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Usage Conditions

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

UL Rating	Recognized
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Packaging Features

Packaging Quantity	2000
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Packaging Method	Strip/Reel
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 171809-2
POSITIVE LOCK (PL) HOUSING



TE Part # 171809-1
POSITIVE LOCK (PL) HOUSING



TE Part # 2-2836398-2
OCEAN_2.0_Applicator-S-110F180F



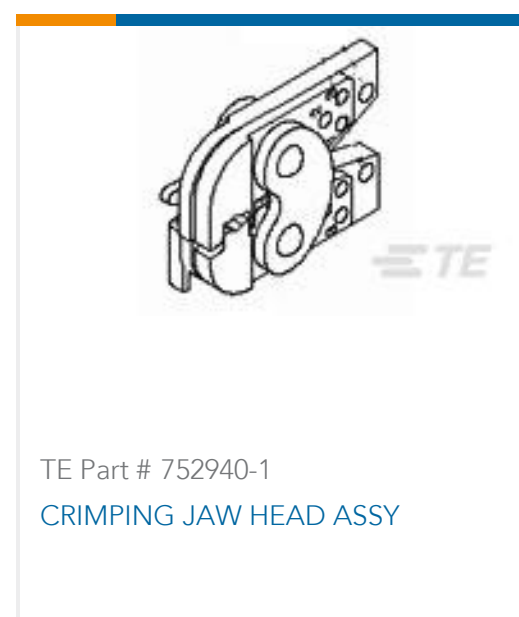
TE Part # 2836398-2
OCEAN_2.0_Applicator-S-110F180F



TE Part # 7-2836398-2
OCEAN_2.0_Applicator-S-110F180F

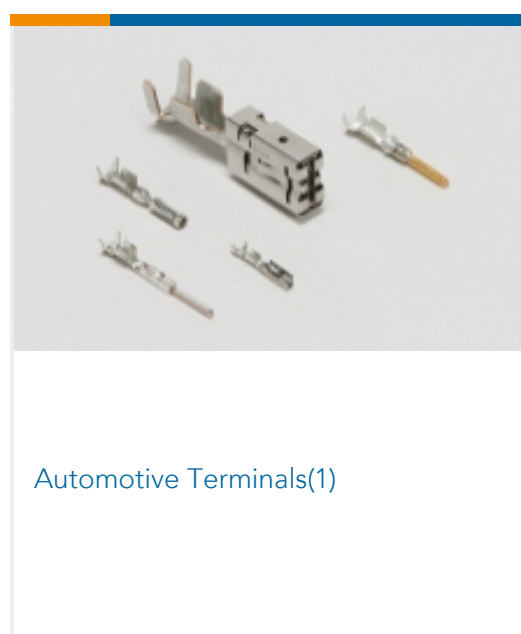


KIT
TE Part # 7-2836398-7
OCEAN_2.0_SPARE_PART_KIT-110F180F

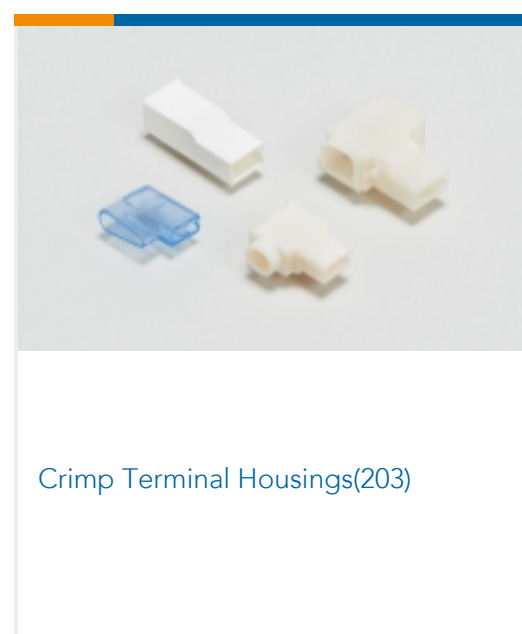


TE Part # 752940-1
CRIMPING JAW HEAD ASSY

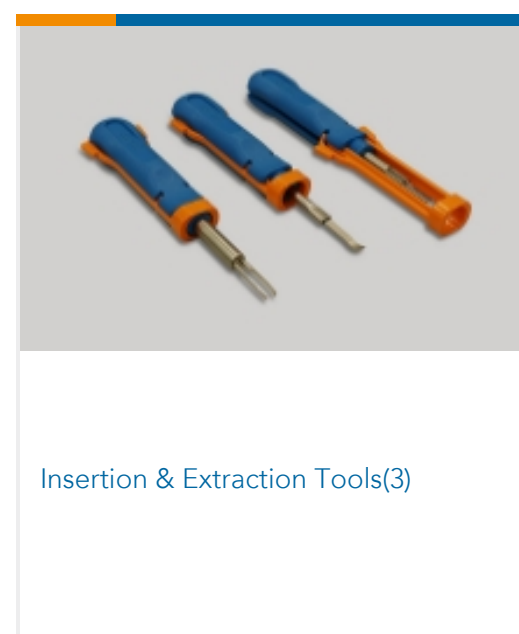
Also in the Series | Positive Lock 250



Automotive Terminals(1)



Crimp Terminal Housings(203)



Insertion & Extraction Tools(3)

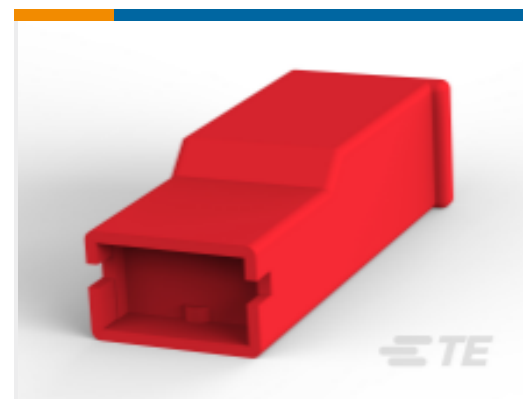
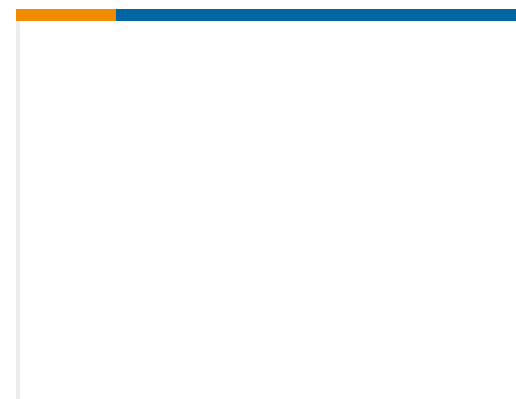


Insulation Boots & Sleeves(4)



Quick Disconnects(189)

Customers Also Bought

TE Part #1897786-8
TAB HSG FOR RF STRIPLINE 2PTE Part #1897789-8
REC HSG FOR RF STRIPLINE 2PTE Part #2219633-2
RF STRIPLINE 1P PLUG CABLE ASSY,
LARTE Part #2310556-8
RF S/L HYB 3P ALL 3PI CAP ASSY BLU
LARTE Part #1-2219343-8
RF S/L HYB 3P CAP ASSY BLUTE Part #171809-8
POSITIVE LOCK HSG 1P REDTE Part #1897799-6
TAB CONTACT FOR RF STRIPLINETE Part #2005002-3
REC CONTACT FOR RF STRIPLINETE Part #2296597-7
RF STRIPLINE HYB 4P CAP ASSY GRNTE Part #2296598-8
RF S/L 3P PLUG ASSY BLU KEYCODE
B

Documents

Product Drawings

[POSITIVE LOCK 250 REC 0.5-2.27 MM2 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_170233-2_M.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_170233-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170233-2_M.3d_stp.zip](#)

English

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

Product Specifications

[Crimping of Positive Lock Receptacle Contact](#)

English

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English