

63498-1 ✓ ACTIVE

Positive Lock | Mark II, Positive Lock 187

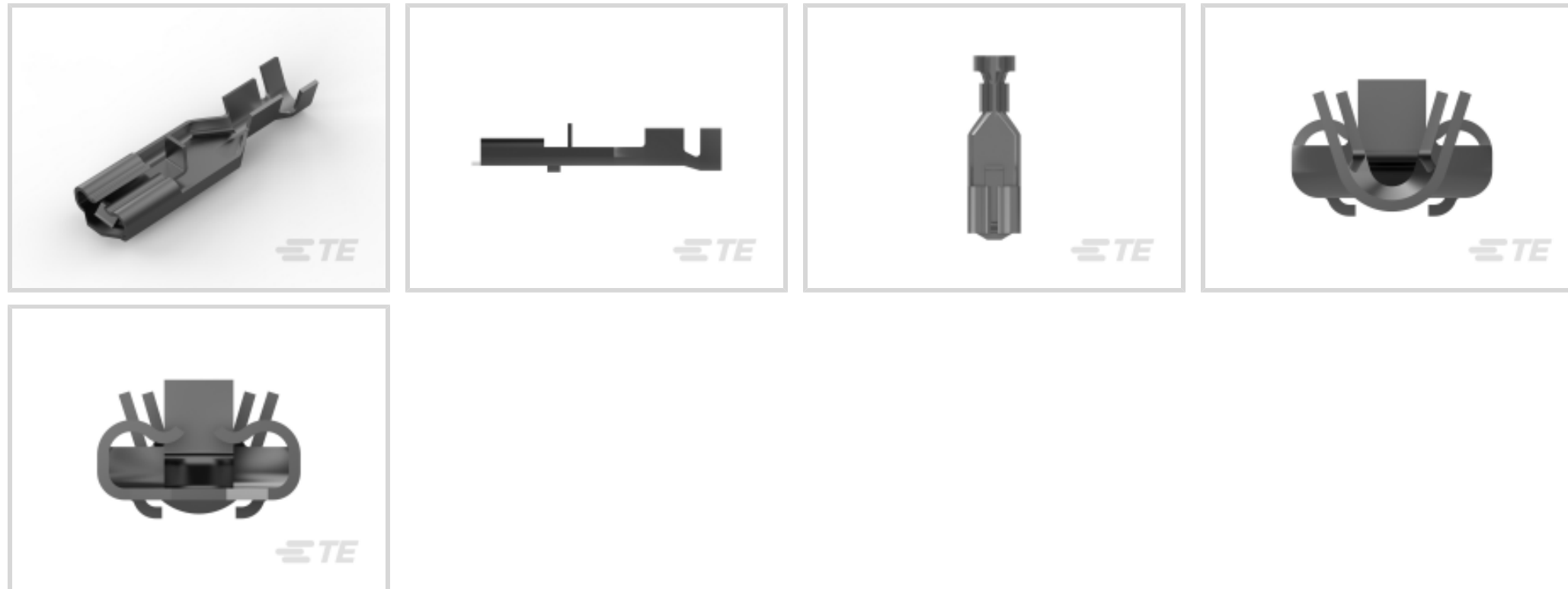
TE Internal #: 63498-1

Quick Disconnects, Receptacle, 20 – 16 AWG Wire Size, .51 – 1.31 mm² Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Brass, Positive Lock 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.31 mm²

Mating Tab Width: 4.75 mm [.187 in]

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

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Connection Capacity	Single
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Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Voltage Rating	250 V
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Contact Features

Quick Disconnect Terminal Type	Receptacle
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Mating Tab Width	4.75 mm [.187 in]
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Mating Tab Thickness	.81 mm [.032 in]
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Terminal Orientation	Straight
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Contact Base Material	Brass
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Terminal Plating Material	Tin
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Crimp Type	F-Crimp
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Barrel Type	Open
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Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Material Thickness	.3 mm[.012 in]
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Product Length	18.8 mm[.74 in]
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Compatible Insulation Diameter Range	1.52 – 2.8 mm[.06 – .11 in]
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Wire Size	.51 – 1.31 mm ²
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Packaging Features

Packaging Quantity	12000
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Packaging Method	Strip/Reel
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Other

Terminals & Splices Comment	Fits .032 tab- requires a special housing.
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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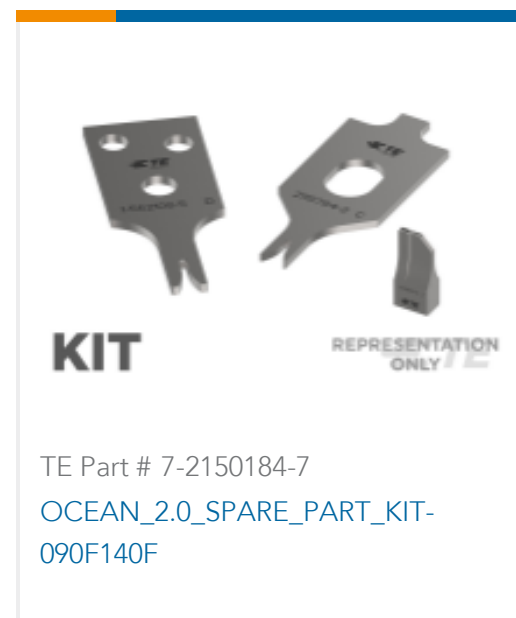
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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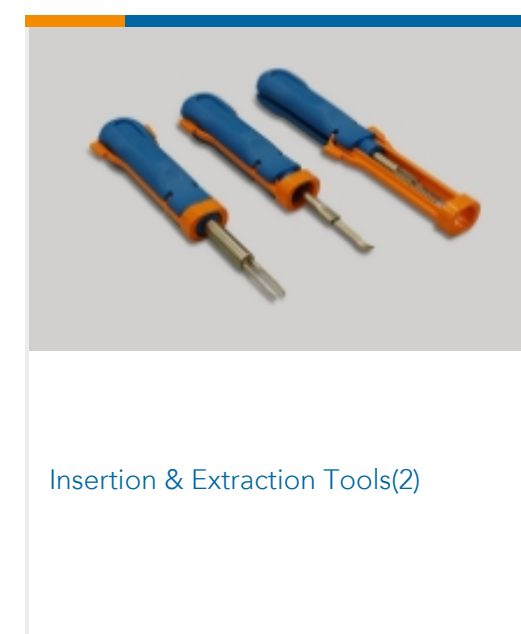
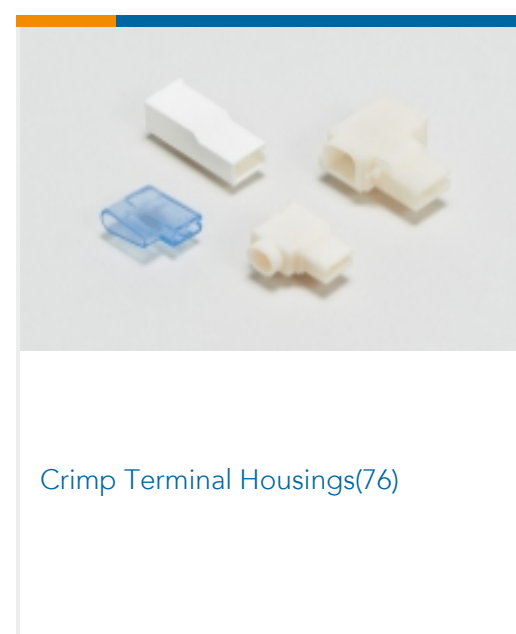
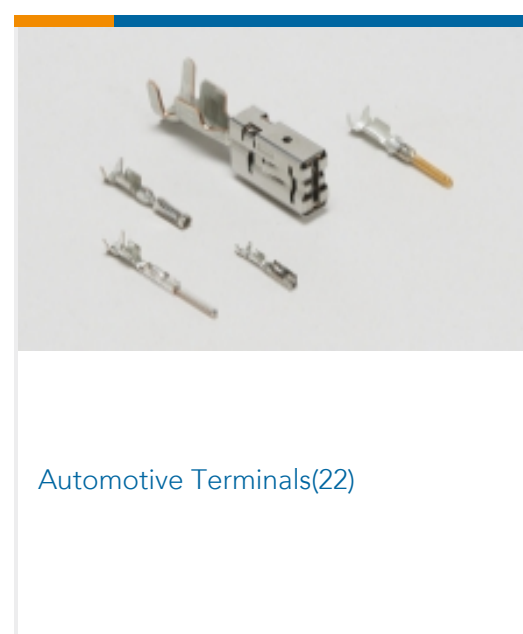
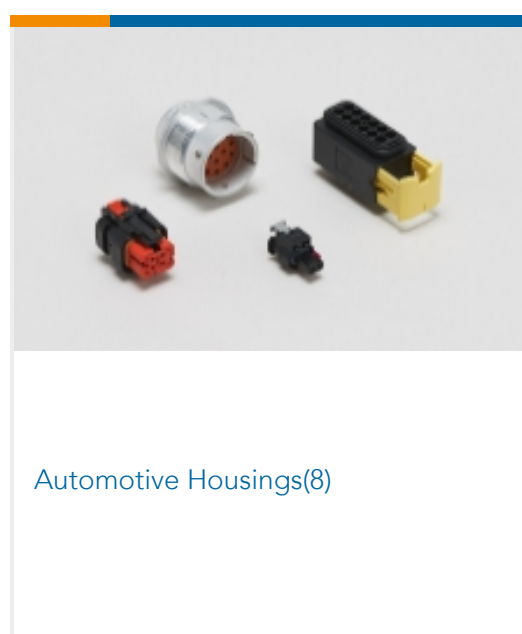
Product Compliance Disclaimer

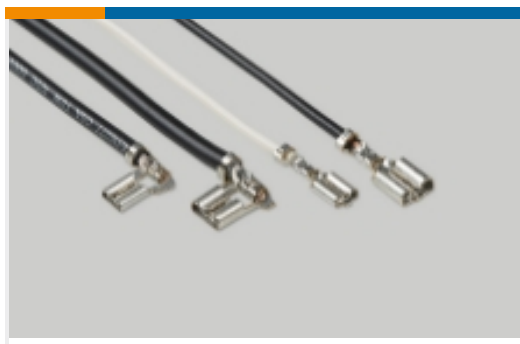
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Also in the Series | Mark II





Quick Disconnects(57)

Also in the Series | Positive Lock 187



Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(57)

Customers Also Bought



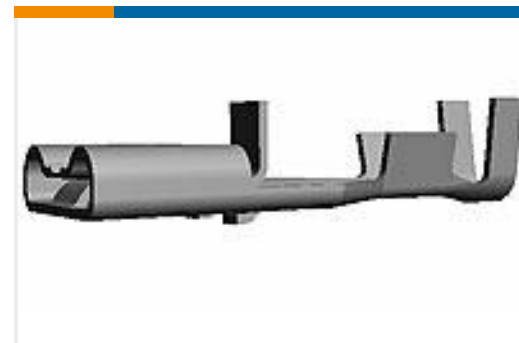
TE Part #5-917692-1
2.5 SIGNAL D/LOCK PLUG HSG 8P (GWT)



TE Part #073937-000
D-SCE-2.5K-6.4-50-S1-4



TE Part #1-338314-2
15POS.HD20 REC.ASSY



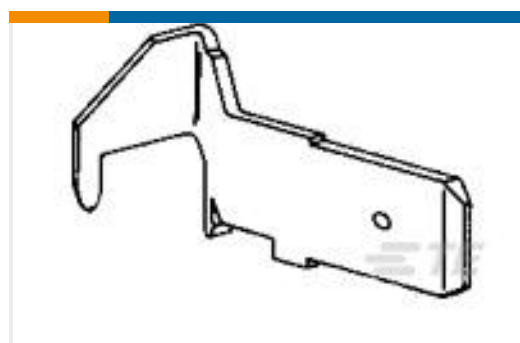
TE Part #170328-1
250 PL MKII REC. 18-14AWG PTBR



TE Part #1827387-1
GIC 3.3 PLUG HOUSING 8P



TE Part #311292-000
TMS-RJS-RIBBON-4DSCE



TE Part #160650-2
250 FASTON,PCB TAB,TNBR



TE Part #2238190-1
LOW PROFILE MINI AMP-IN SM



TE Part #2040247-5
RECE ASSY DP RA SMT STD SMT-LEG W-FLANGE



Documents

Product Drawings

[PL 187 TERMINAL REC 20-16 AWG TPBR](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_63498-1_M.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_63498-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63498-1_M.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Positive Lock Receptacles](#)

English

[POS_LOCK_MII_QRG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_63498-1_120720171119_dmtec](#)

English

[MD_63498-1_120720171119_dmtec](#)

English