



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **2.1 – 3.31 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

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

Features

Product Type Features

Insertion Force	Normal
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

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

Termination Features

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Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Locking Lance

Dimensions

Compatible Insulation Diameter Range	3.1 – 4.1 mm [.12 – .16 in]
Terminal Material Thickness	.41 mm [.016 in]
Wire Size	2.1 – 3.31 mm ²

Usage Conditions

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

Packaging Features

Packaging Quantity	2000
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

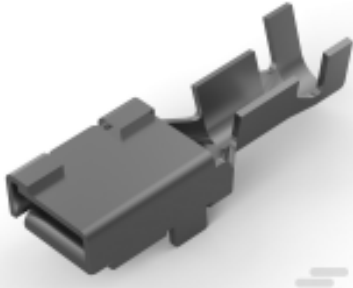
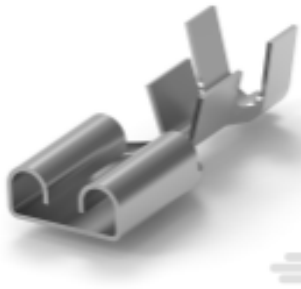
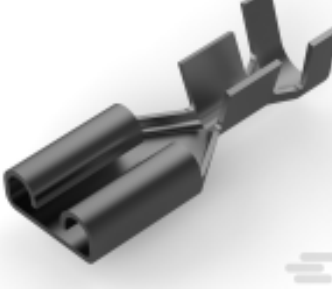
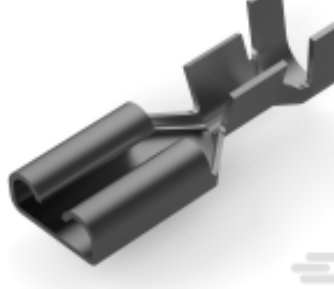
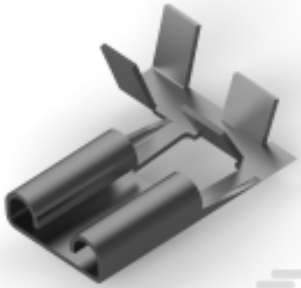
Product Compliance Disclaimer

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 # 175040-1 FF 187 REC 0.5-1.25MM2 PTBR	 TE Part # 281197-6 FF 187 REC 1.0-2.5MM2 PTBR	 TE Part # 281197-2 FF 187 REC 1.0-2.5MM2 PTBR	 TE Part # 63833-1 FF 187 REC 18-14AWG BR
 TE Part # 157480-2 FF 250 REC 0.8-2MM2 TPBR	 TE Part # 60434-1 FF 187 TAB 20-16AWG TPBR	 TE Part # 5-160446-5 FF 250 REC 1.0-2.5MM2 TBBR	 TE Part # 280919-2 FF 187 REC 0.5-1.5MM2 TPBR
 TE Part # 1-180453-2 FF 312 REC 1-2.5MM2	 TE Part # 280098-2 FF 250 REC 1-2.5MM2 TPPB	 TE Part # 281197-5 FF 187 REC 1.0-2.5MM2 PTBR (RE REELING)	 TE Part # 175048-1 FF 187 TAB 2-3MM2 PTBR

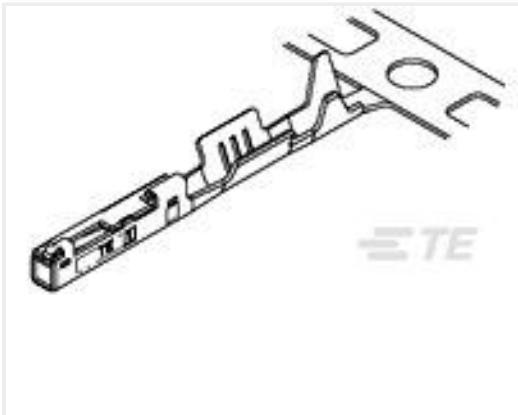
Also in the Series | FASTIN-FASTON 187

 Crimp Terminal Housings(5)	 Insertion & Extraction Tools(1)	 Quick Disconnects(20)
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Customers Also Bought



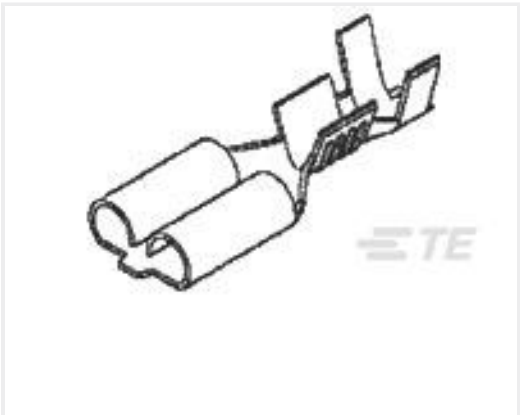
TE Part #2-953733-1
4W MCP TAB HSG LV ASSY



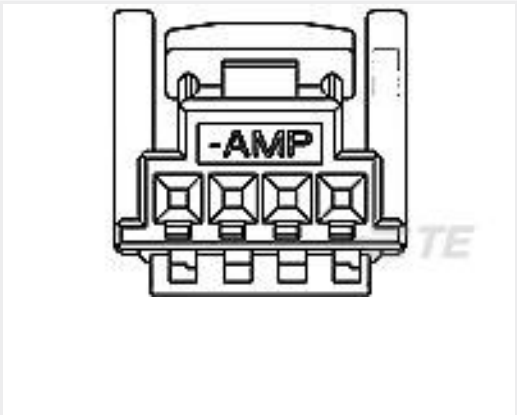
TE Part #1827855-1
0.50 SERIES CONNECTER
RECEPTACLE CONTACT



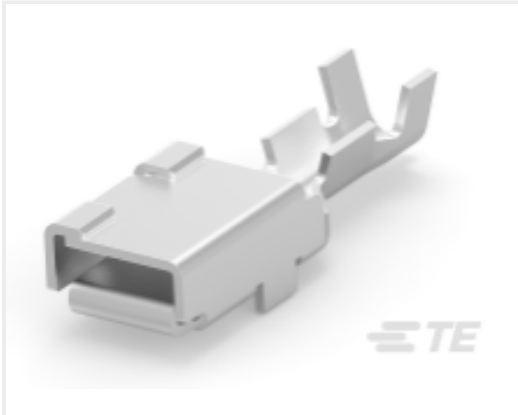
TE Part #2013031-2
0.50 SERIES 24POS PLUG ASSY



TE Part #170384-2
250 FASTON, REC., 22-20 AWG, TPBR



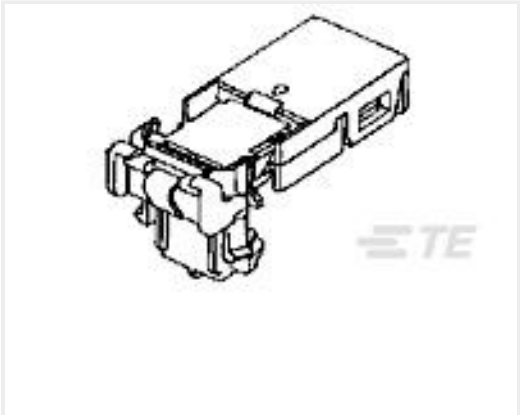
TE Part #1473672-2
025 PLUG ASSY



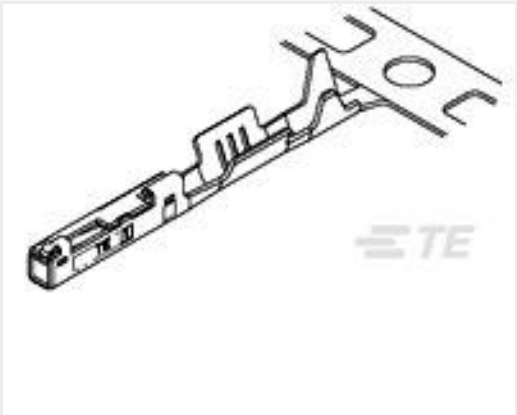
TE Part #175038-1
FF 187 REC 0.3-0.5MM2 PTBR



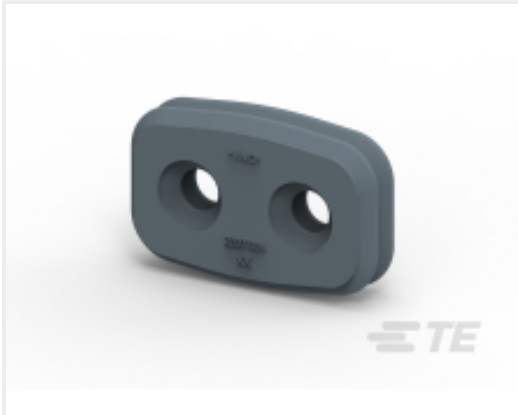
TE Part #175094-1
O4O HYBRID I/O REC CONT 24-20



TE Part #1612120-1
11DIA SQUIB SLIM MK-2 PLUG HSG



TE Part #1827855-2
0.50 SERIES CONNECTER
RECEPTACLE CONTACT



TE Part #2260703-1
CABLE SEAL HVA280 2P

Documents

Product Drawings
FF 187 REC 2-3MM2 PTBR

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_175042-1_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_175042-1_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_175042-1_C.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

APPLICATION SPECIFICATION CRIMPING .187 SERIES TAB AND RECEPTCLE CONTACTS

Japanese

Application Specification

Japanese

APPLICATION SPECIFICATION CRIMPING .187 SERIES TAB AND RECEPTCLE CONTACTS

English