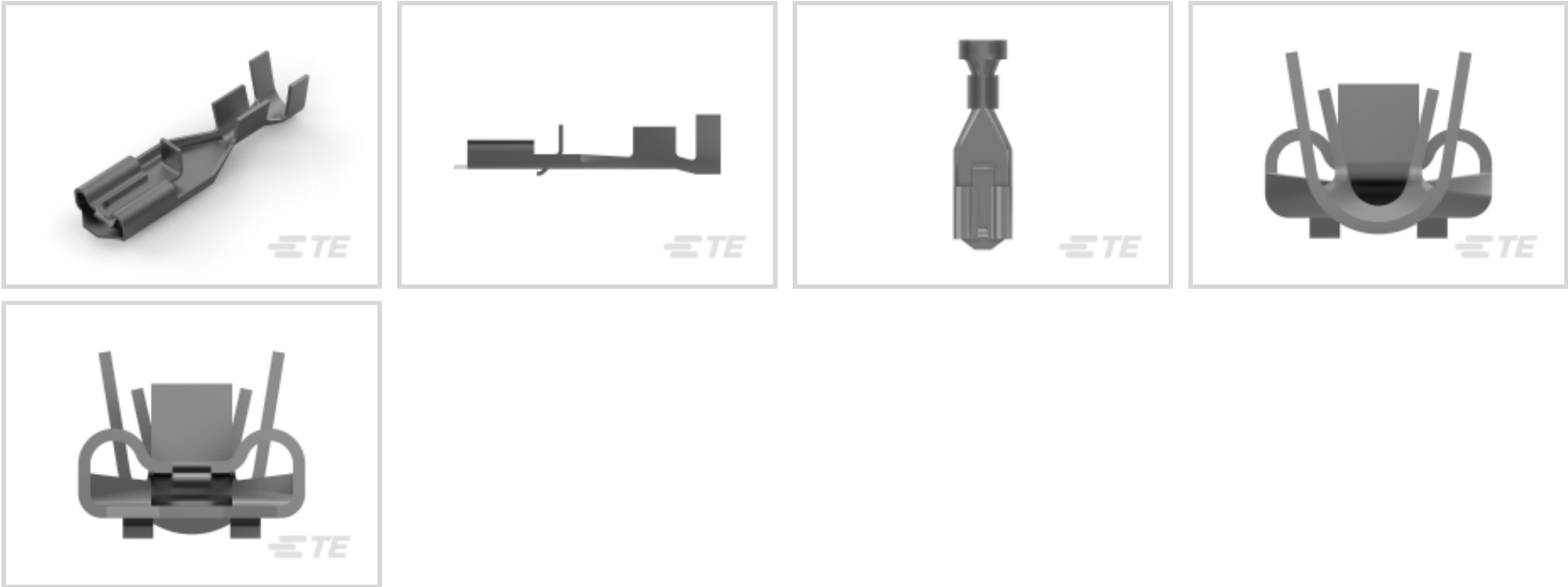




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.31 mm²**

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

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Industry Standards

Compatible With Agency/Standards Products	UL
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple
Extraction Force	.7 – 10.2 kgf

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

Dimensions

Product Length	21.6 mm[.85 in]
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Compatible Insulation Diameter Range	1.9 – 3.4 mm[.075 – .134 in]
Terminal Material Thickness	.3 mm[.012 in]
Wire Size	.51 – 1.31 mm²

Product Type Features

Insertion Force	Low
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Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

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

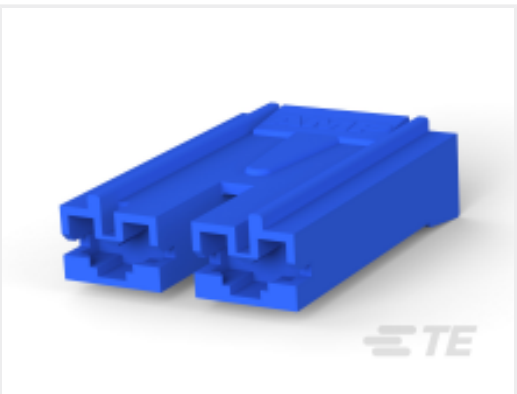
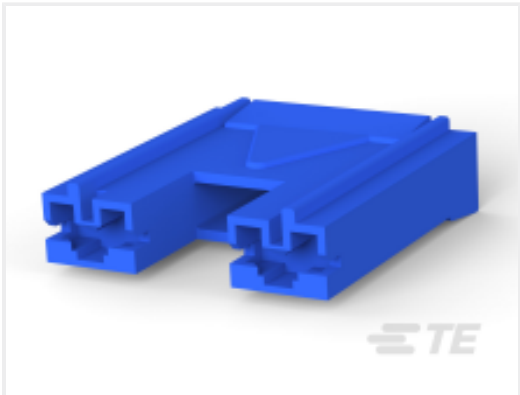
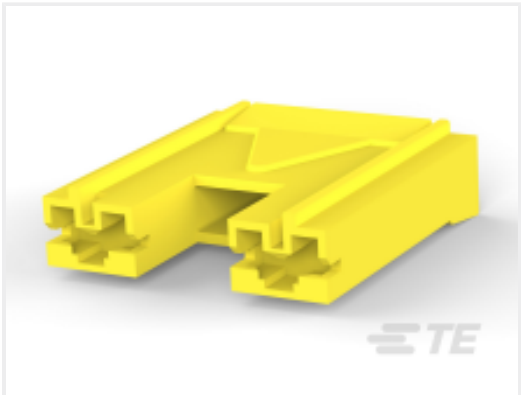
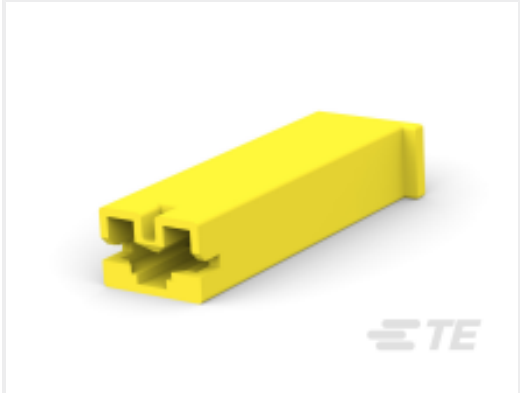
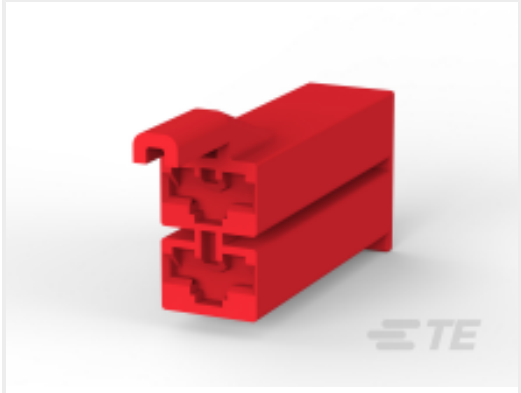
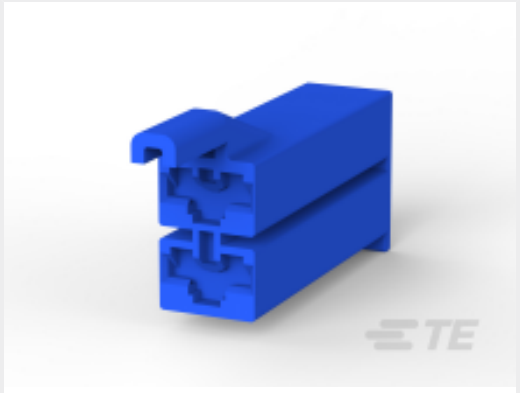
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # 172075-1 POSITIVE LOCK 187 HOUSING RECEPTACLE	 TE Part # 1-174712-6 PL MK2 2P 187 HOUSING RECEPTACLE BLUE	 TE Part # 1-175578-1 PL MK2 2P 187 HOUSING REC NAT 6 /6 NYLON	 TE Part # 179720-6 PL 187 (4.8 MM) HOUSING RECEPTACLE
 TE Part # 176498-6 PL MKII 187 REC HSG 2P NYLON BLUE	 TE Part # 176498-4 POSITIVE LOCK 187 (4.8 MM) HOUSING	 TE Part # 1-174712-1 187 HSG. PL MKII REC. 6.65mm 2P NAT	 TE Part # 172074-2 POSITIVE LOCK 187 HOUSING RECEPTACLE
 TE Part # 172074-4 POSITIVE LOCK 187 HOUSING RECEPTACLE	 TE Part # 1-174587-7 PL MK2 2POS 187 HOUSING RECEPTACLE RED	 TE Part # 1-174587-6 PL MK2 2P 187 HOUSING RECEPTACLE BLUE	 TE Part # 1-174587-5 PL MK2 2P 187 HOUSING RECEPTACLE GREEN



TE Part # 179183-6
POSITIVE LOCK 187 (4.8 MM)
HOUSING

TE Part # 172075-7
POSITIVE LOCK 187 HOUSING
RECEPTACLE

TE Part # 172210-6
POSITIVE LOCK 250 HOUSING
RECEPTACLE

TE Part # 179183-7
POSITIVE LOCK 187 (4.8 MM)
HOUSING

TE Part # 173974-6
PL MKII 187 REC HSG 1P NYLON BLUE

TE Part # 173974-5
PL MKII 187 REC HSG 1P NYLON
GREEN

TE Part # 1-174587-1
PL MK2 2P 187 HOUSING
RECEPTACLE NAT

TE Part # 1-172210-2
2P PL MK-2 187(4.8 MM) HOUSING
REC

Also in the Series | Positive Lock 187

Crimp Terminal Housings(76)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(7)

Quick Disconnects(57)

Also in the Series | Mark II

Automotive Connector Locks &
Position Assurance(1)

Automotive Housings(6)

Automotive Terminals(5)

Connector Seals & Cavity Plugs(1)



Crimp Terminal Housings(76)



Insertion & Extraction Tools(2)

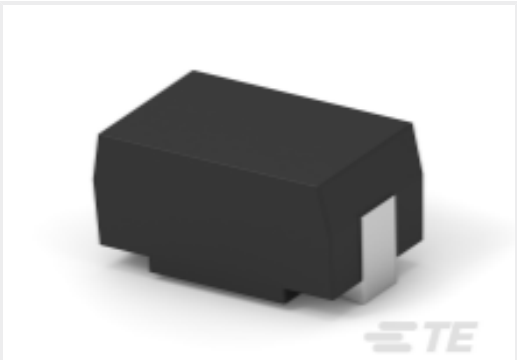


Other Automotive Connector Accessories(1)

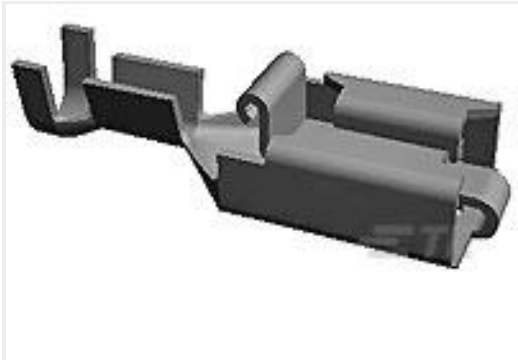


Quick Disconnects(57)

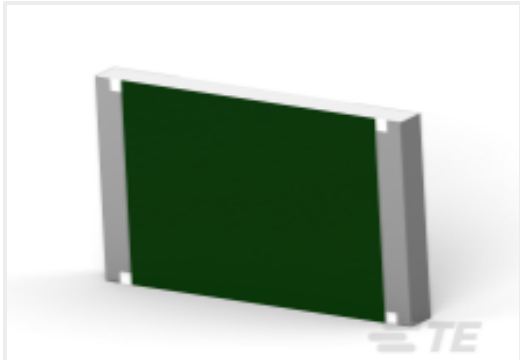
Customers Also Bought



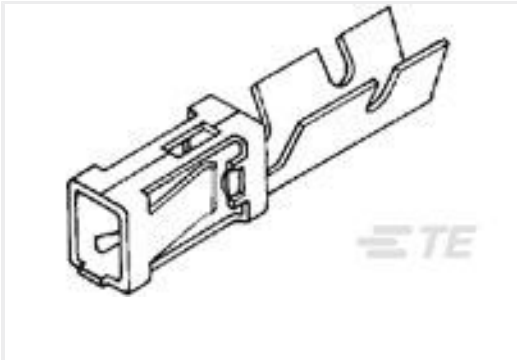
TE Part #CAT-C339-SM1A
SMD Power Resistor: 7 Watt, 0.10-500 Ohm



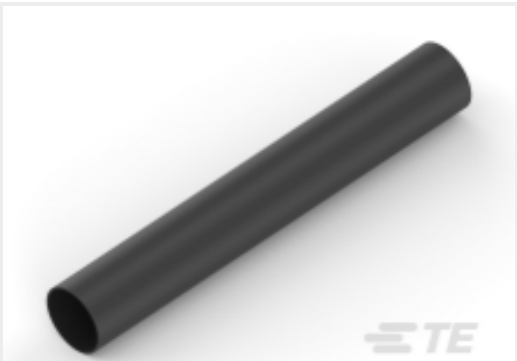
TE Part #63812-1
250 PL MKI REC. 18-14AWG TPBR



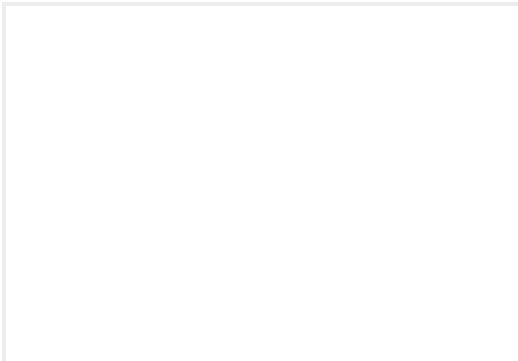
TE Part #9-2176407-0
3560 39R 5%



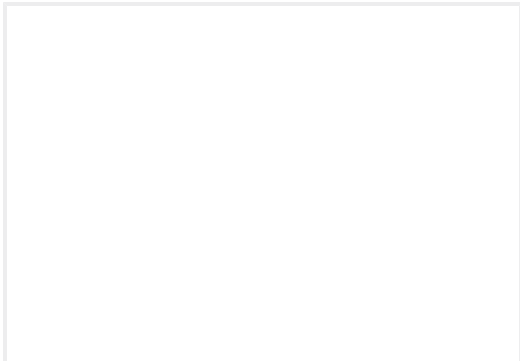
TE Part #181299-1
MOD I CRIMP CONTACT



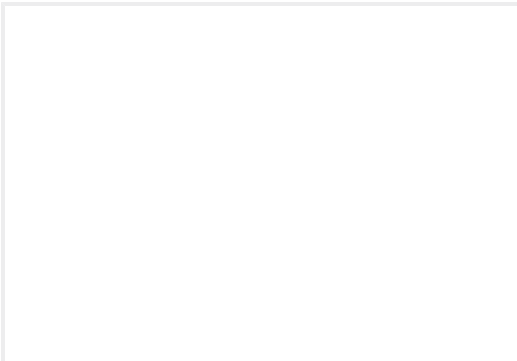
TE Part #NB14882001
DWP-125-1/8-0-STK



TE Part #BM5663-000
CRAFTSMAN



TE Part #BM9029-000
PRO-S



TE Part #EM9045-000
M6FEEDER

Documents

Product Drawings

PL MKII 187 REC 20-16AWG PTBR LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170331-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170331-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170331-1_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

Product Specifications

Application Specification

English