

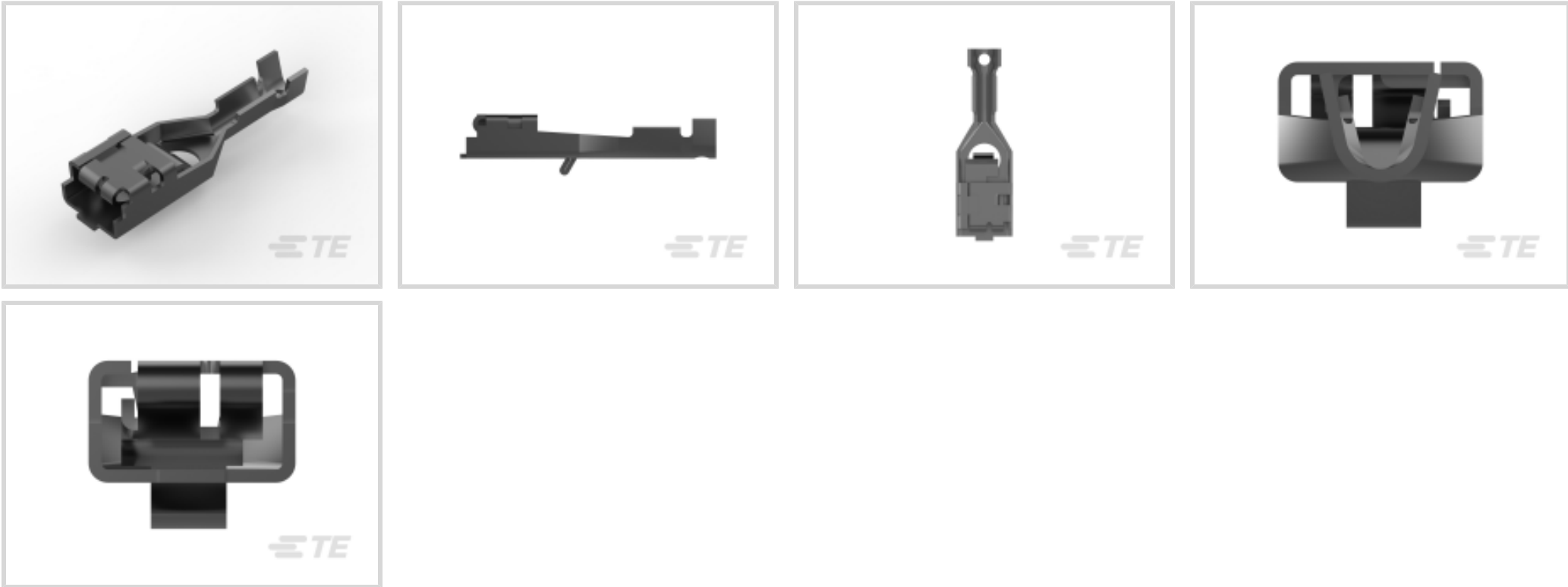


Positive Lock 197

TE Internal #: 142685-3
Receptacle, 20 – 17 AWG Wire Size, .51 – 1.03 mm² Wire Size,
Mating Tab Width 5.08 mm [.2 in], Straight, Positive Lock 197, Quick
Disconnects

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.03 mm²**

Mating Tab Width: **5.08 mm [.2 in]**

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

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Connection Capacity	Single
Compatible With Wire & Cable Type	FLK

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	5.08 mm[.2 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
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
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Dimensions

Terminal Material Thickness	.41 mm[.016 in]
Product Length	21 mm[.826 in]
Compatible Insulation Diameter Range	1.3 – 2 mm[.051 – .078 in]
Wire Size	.51 – 1.03 mm²

Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	UL
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Packaging Features

Packaging Quantity	4000
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: 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 # 142680-1 PL MK III 2 POS HOUSING BROEN RAL 8016	 TE Part # 142680-4 PL MK III 2 POS HOUSING YELLOW RAL 1016	 TE Part # 142681-1 PL MK III 3 POS HOUSING BROEN RAL 8016	 TE Part # 142681-4 PL MK III 3 POS HOUSING YELLOW RAL 1016
 TE Part # 2150376-2 OCEAN-2.0-APPLICATOR-E- 090F118FA-REA	 TE Part # 7-2150376-7 OCEAN_2.0_SPARE_PART_KIT- 090F118F		

Also in the Series | Positive Lock 197

 Crimp Terminal Housings(6)	 Quick Disconnects(4)
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Customers Also Bought



TE Part #160759-1
PL 250 TERMINAL REC 0.5-1.5 MM2 BR

TE Part #175411-1
110 PL REC. 24-20AWG PTBR

TE Part #929971-1
BU-KONTAKT 2,5MMD

TE Part #282224-1
ECONOSEAL RCPT CONT 0,5MM

TE Part #284322-1
MQS, CONNECTOR HOUSING

TE Part #881777-1
KIT ECONOSEAL J 4PO

TE Part #1745003-1
18 POS. FRAME ASSY CRIMP/CRIMP

TE Part #282225-1
ECONOSEAL RCPT CONT. 1,0-1,5

TE Part #347681-1
0.35MM CABLE SEAL LC SILIC

Documents

Product Drawings

L.I.F PL CONTACT 5MM 0.35-1 MM2 PTPPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_142685-3_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_142685-3_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_142685-3_W.3d_stp.zip

English

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

Product Specifications

142685-3

Receptacle, 20 – 17 AWG Wire Size, .51 – 1.03 mm² Wire Size, Mating Tab Width 5.08 mm [.2 in], Straight, Positive Lock 197, Quick Disconnects



Application Specification

French