

170331-1 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 187](#)

TE Internal #: 170331-1

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: .51 mm [.02 in]

Features

Product Type Features

Insertion Force	Low
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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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

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Extraction Force	7 – 100 Newton
Wire Insulation Support	With
Mating Retention Type	Dimple

Dimensions

Terminal Material Thickness	.3 mm[.012 in]
Product Length	21.6 mm[.85 in]
Compatible Insulation Diameter Range	1.9 – 3.4 mm[.075 – .134 in]
Wire Size	.51 – 1.31 mm ²

Usage Conditions

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

Industry Standards

Agency/Standard	UL
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Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece/Carton

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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 # 724659-1
EXT TOOL FOR POSITIVE .187



TE Part # 794423-1
06P MINI UMNL STR RELIEF P&CAP



TE Part # 172075-1
POSITIVE LOCK 187 HOUSING RECEPTACLE



TE Part # 1-172075-1
3 POS PL 187(4.8 MM) HOUSING NATURAL



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



TE Part # 174513-1
PL 187 HOUSING RECEPTACLE



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



TE Part # 176498-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



TE Part # 1-174712-1
187 HSG. PL MKII REC. 6.65mm 2P NAT



TE Part # 174712-1
PL 187 (4.8 MM) HOUSING RECEPTACLE



TE Part # 172074-1
187 HSG. PLMKII REC. NAT



TE Part # 173974-1
187 HSG. PL MKII REC. NAT



TE Part # 176498-4
POSITIVE LOCK 187 (4.8 MM) HOUSING



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



TE Part # 175578-1
PL 187 HOUSING RECEPTACLE



TE Part # 176498-6
PL MKII 187 REC HSG 2P NYLON BLUE




TE Part # 172074-2
POSITIVE LOCK 187 HOUSING RECEPTACLE



TE Part # 1-172210-1
187 HSG. PL MKII REC. 6mm 2P NAT




TE Part # 172210-1
POSITIVE LOCK 250 HOUSING RECEPTACLE




TE Part # 173974-2
PL 187 (4.8 MM) HOUSING RECEPTACLE

Also in the Series | Positive Lock 187




Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)



Insulation Boots & Sleeves(7)



Quick Disconnects(55)

Customers Also Bought



TE Part #178289-4
DYNAMIC D-3100D REC HSG 8P



TE Part #1376135-2
DYNAMIC D2100 HDR H ASSY 3P Y



TE Part #1577630-1
TERMINAL RT PIDG PEEK STRATO 18-16 AWG



TE Part #1546307-2
2P .374" DR BARRIER,W/WASHER



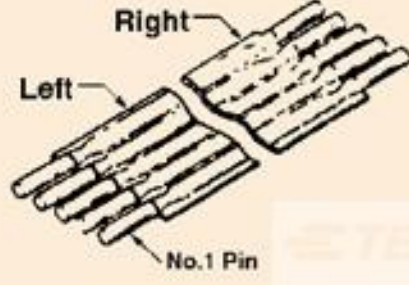
TE Part #34103
SOLIS R 22-16 COMM 22-18 MIL 2



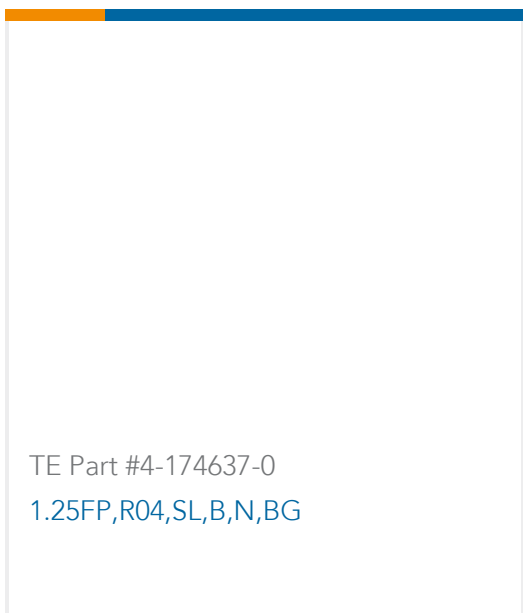
TE Part #NB14882001
DWP-125-1/8-0-STK



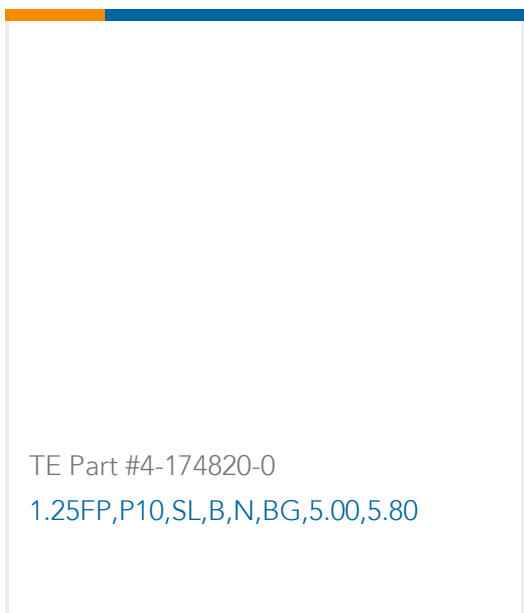
TE Part #NB14902001
DWP-125-3/16-0-STK



TE Part #7-1447184-3
FSN-21.5A-7=JUMPER NOMEM



TE Part #4-174637-0
1.25FP,R04,SL,B,N,BG



TE Part #4-174820-0
1.25FP,P10,SL,B,N,BG,5.00,5.80



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

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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[Product Compliance](#)

English