

170330-1 ✓ ACTIVE

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

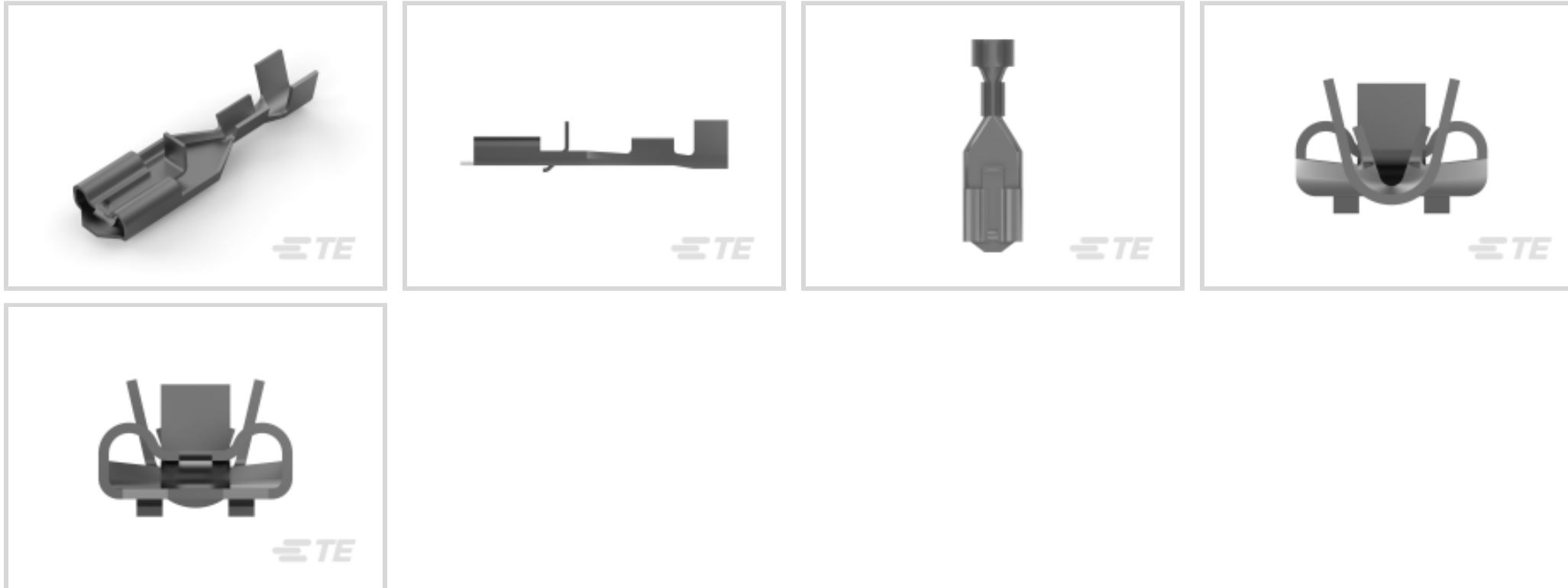
TE Internal #: 170330-1

Quick Disconnects, Receptacle, 24 – 20 AWG Wire Size, .2 – .51 mm² Wire Size, Mating Tab Width .187 in [4.75 mm], Straight, Brass, Positive Lock 187

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .2 – .51 mm²

Mating Tab Width: 4.75 mm [.187 in]

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

Features

Product Type Features

| | |
|-----------------|--------------|
| Terminates To | Wire & Cable |
| Wire Stop | No |
| Wire/Cable Type | Regular Wire |
| Insertion Force | Low |
| Sealable | No |

Configuration Features

| | |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

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 |
|-------------|------|

Mechanical Attachment

| | |
|-------------------------|--------|
| Mating Retention Type | Dimple |
| Wire Insulation Support | With |

Dimensions

| | |
|--|-------------------------------|
| Accepts Wire Insulation Diameter Range | 1.5 – 2.7 mm [.059 – .106 in] |
| Overall Length | 21.6 mm [.85 in] |
| Receptacle Terminal Stock Thickness | .3 mm [.012 in] |
| Wire Size | .2 – .51 mm ² |

Usage Conditions

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

Industry Standards

| | |
|-----------|------------|
| UL Rating | Recognized |
|-----------|------------|

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| 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 # 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 # 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 # 2063760-1
CCI 187 POSITIVE LOCK REC 24-20 ASSY



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



TE Part # 175578-1
PL 187 HOUSING RECEPTACLE



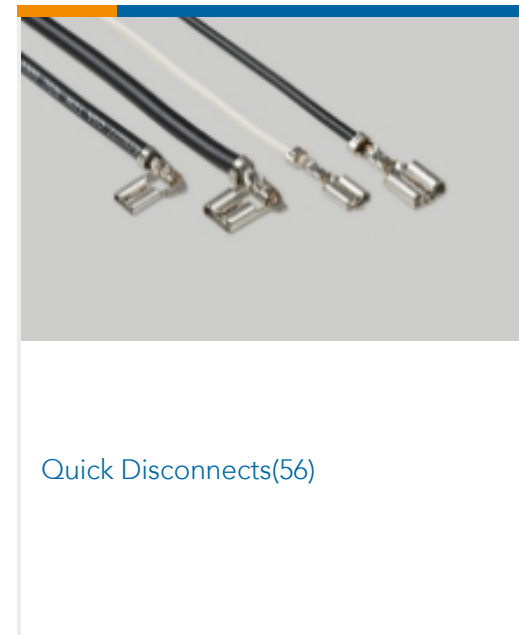
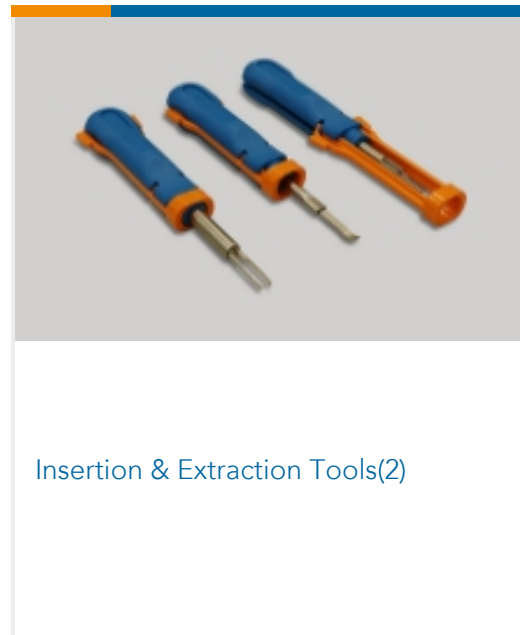
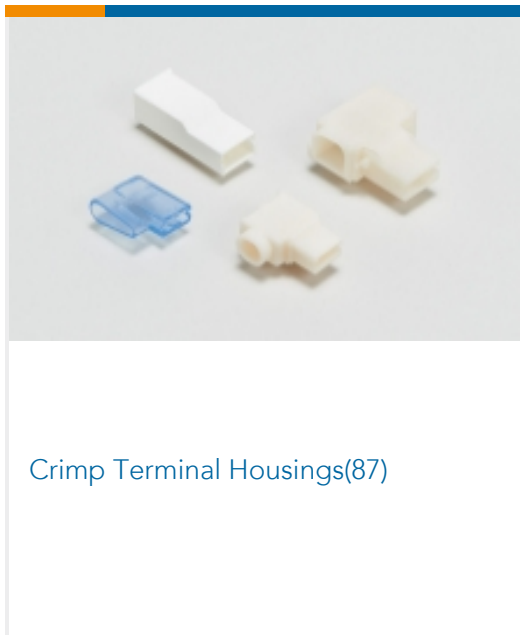
TE Part # 176498-6
PL MKII 187 REC HSG 2P NYLON BLUE



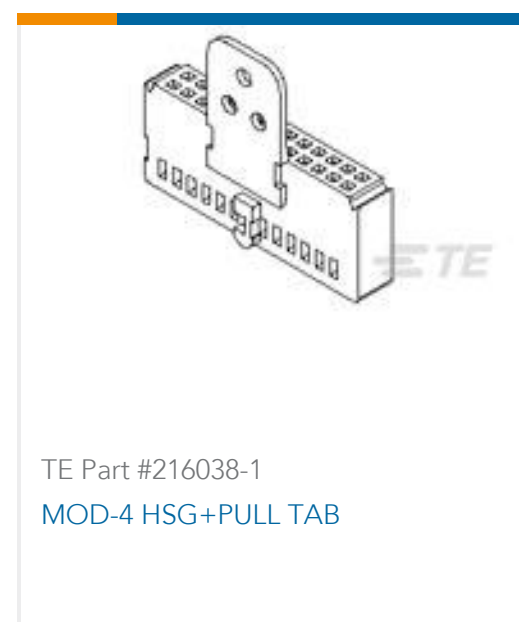
TE Part # 172074-2
POSITIVE LOCK 187 HOUSING RECEPTACLE



Also in the Series | Positive Lock 187



Customers Also Bought





Documents

Product Drawings

[PL MKII 187 REC 24-20AWG PTBR LP](#)

Japanese

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_170330-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170330-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170330-1_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](#)

English

[Product Compliance](#)

English