

173722-1 ✓ ACTIVE



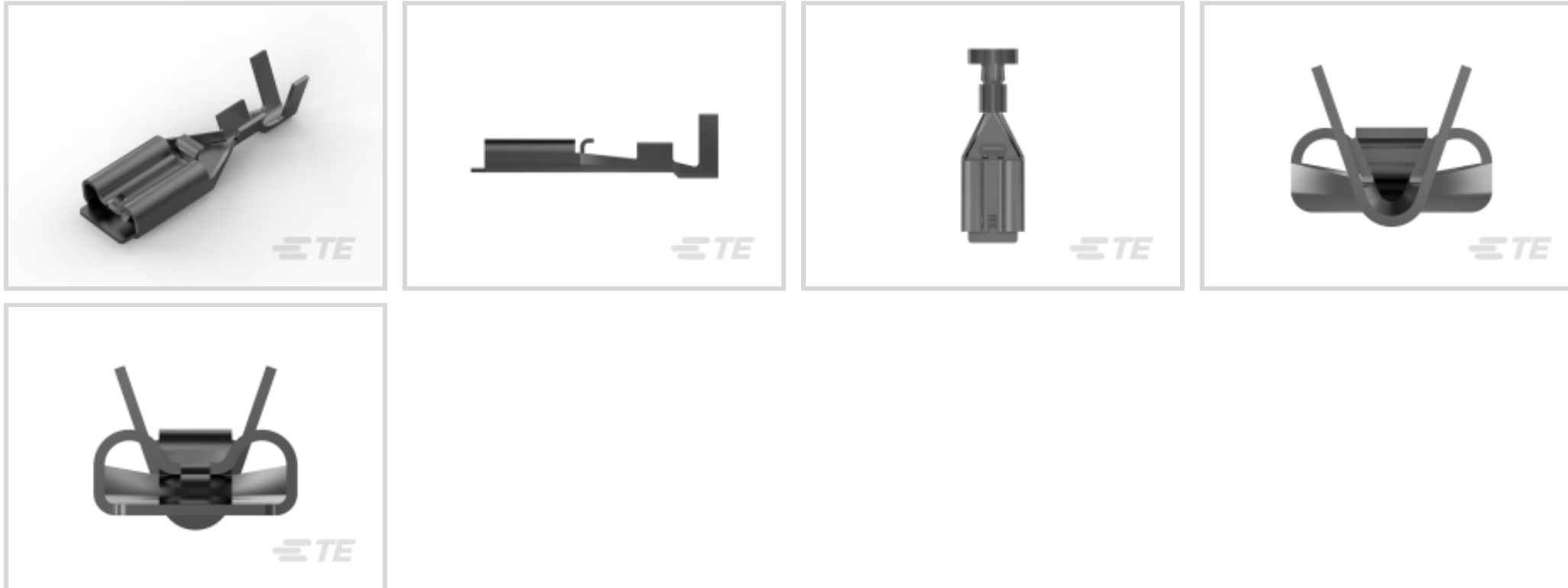
[Positive Lock](#) | [Positive Lock 187](#)

TE Internal #: 173722-1

Quick Disconnects, Receptacle, 26 – 20 AWG Wire Size, .12 – .41 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: .12 – .41 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 |
| Sealable | No |

Configuration Features

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

Electrical Characteristics

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|---------------|-------|
| Voltage (Max) | 250 V |
|---------------|-------|

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 |



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|---------------------------|---------|
| Terminal Plating Material | Pre-Tin |
|---------------------------|---------|

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|------------|---------|
| Crimp Type | F-Crimp |
|------------|---------|

| | |
|-------------|------|
| Barrel Type | Open |
|-------------|------|

Mechanical Attachment

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|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

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|----------------------------------------|-------------------------------|
| Accepts Wire Insulation Diameter Range | 1.3 – 3.6 mm [.051 – .141 in] |
|----------------------------------------|-------------------------------|

| | |
|----------------|-------------------|
| Overall Length | 17.2 mm [.677 in] |
|----------------|-------------------|

| | |
|-------------------------------------|-----------------|
| Receptacle Terminal Stock Thickness | .3 mm [.012 in] |
|-------------------------------------|-----------------|

| | |
|-----------|---------------------------|
| Wire Size | .12 – .41 mm ² |
|-----------|---------------------------|

Usage Conditions

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|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

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

Packaging Features

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|--------------------|------|
| Packaging Quantity | 6000 |
|--------------------|------|

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|------------------|------------|
| 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|

| | |
|-----------------|-------------------------------------------------------------------------------------|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|-------------------------------------------------------------------------------------|

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|---------------------------|----------------------------------------------|
| 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 # 2232342-1
187 PL EX FLAG REC. 22-16AWG PTBR

TE Part # 2013799-1
250 HSG. PL EX REC. BLACK

TE Part # 1743058-1
PL 187 REC 22-16 AWG 0.3 X 22.8 PTBR

TE Part # 1743221-1
250 PL EX FLAG REC. 18-12AWG PTBR

TE Part # 2-2150047-2
OCEAN_2.0_Applicator-E-062F140F

TE Part # 2150047-2
OCEAN_2.0_Applicator-E-062F140F

TE Part # 2391853-1
187 sleeve PL BLUE transparent

TE Part # 2391853-2
187 sleeve PL BLUE transparent

TE Part # 7-2150047-2
OCEAN_2.0_Applicator-E-062F140F

TE Part # 7-2150047-7
OCEAN_2.0_SPARE_PART_KIT-062F140F

TE Part # 174737-2
187 sleeve PL YELLOW transparent

TE Part # 174737-1
187 sleeve PL BLUE transparent

Also in the Series | Positive Lock 187

Crimp Terminal Housings(87)

Insertion & Extraction Tools(2)

Insulation Boots & Sleeves(7)

Quick Disconnects(56)

Documents



Product Drawings

[187 PL EX REC. 26-20AWG PTBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_173722-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_173722-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_173722-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_173722-1_05032016234_dmtec](#)

English

[MD_173722-1_05032016234_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

[POSITIVE LOCK EX CONTACT](#)

English