



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.03 mm²

Mating Tab Width: 6.35 mm [.25 in]

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

Features

Product Type Features

| | |
|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

Configuration Features

| | |
|-----------------------------------|---------------|
| Connection Capacity | Single |
| Compatible With Wire & Cable Type | Discrete Wire |

Contact Features

| | |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 6.35 mm [.25 in] |
| Mating Tab Thickness | .81 mm [.032 in] |
| Terminal Orientation | Straight |
| Contact Base Material | Brass |
| Terminal Plating Material | Tin |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

Termination Features

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| | |
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|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

| | |
|--|---------|
| | .057 in |
|--|---------|

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

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|-----------------------|---------------|
| Mating Retention Type | Locking Lance |
|-----------------------|---------------|

Dimensions

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|-----------------------------|-----------------|
| Terminal Material Thickness | .41 mm[.016 in] |
|-----------------------------|-----------------|

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|----------------|------------------|
| Product Length | 19.2 mm[.755 in] |
|----------------|------------------|

| | |
|--------------------------------------|-----------------------------|
| Compatible Insulation Diameter Range | 1.4 – 2.3 mm[.055 – .09 in] |
|--------------------------------------|-----------------------------|

| | |
|-----------|----------------------------|
| Wire Size | .51 – 1.03 mm ² |
|-----------|----------------------------|

Usage Conditions

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

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

Packaging Features

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|--------------------|------|
| Packaging Quantity | 5000 |
|--------------------|------|

| | |
|------------------|------------|
| Packaging Method | Strip/Reel |
|------------------|------------|

Other

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|-----------------------------|------------------------|
| Terminals & Splices Comment | Chamfered, With dimple |
|-----------------------------|------------------------|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1-1579007-4
EXTRACTION TOOL



TE Part # 4-1579007-3
EXTRACTION TOOL KIT



TE Part # 626328-2
FF 250 RECEPTACLE 4.0-6.0 MM2
TPBR



TE Part # 626094-2
FF .250 REC 0.5 / 1.0 MM2 0.32X19.3
TPBR



TE Part # 63467-1
FF 250 REC 14-10AWG TPBR



TE Part # 160871-6
FF 250 REC TERMINAL FLAG 20-17
TPBR



TE Part # 2150193-1
OCEAN_2.0_Applicator-E-080F1100V



TE Part # 2150193-2
OCEAN_2.0_Applicator-E-080F1100V



TE Part # 626094-1
TERMINAL, .250 FASTIN-ON REC



TE Part # 7-2150193-1
OCEAN_2.0_Applicator-E-080F1100V



TE Part # 7-2150193-2
OCEAN_2.0_Applicator-E-080F1100V



TE Part # 7-2150193-7
OCEAN_2.0_SPARE_PART_KIT-
080F1100V



TE Part # 2-2150193-1
OCEAN_2.0_Applicator-E-080F1100V

Also in the Series | FASTIN-FASTON 250



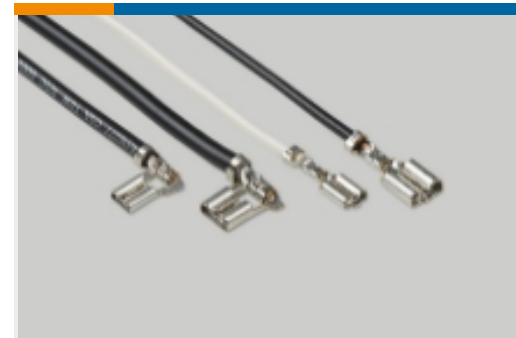
Crimp Terminal Housings(211)



Insertion & Extraction Tools(2)

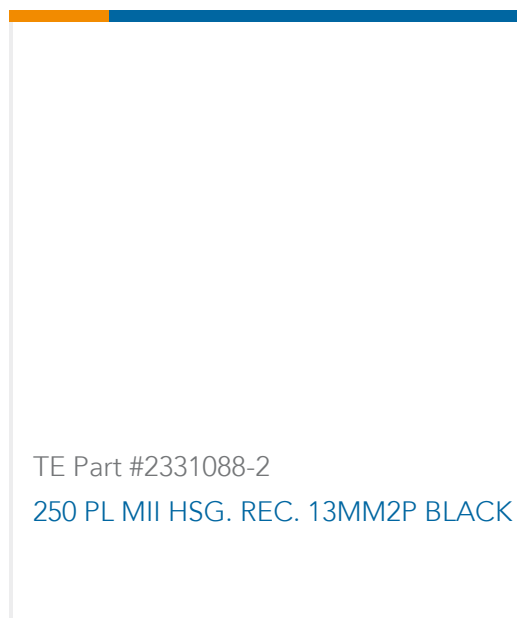
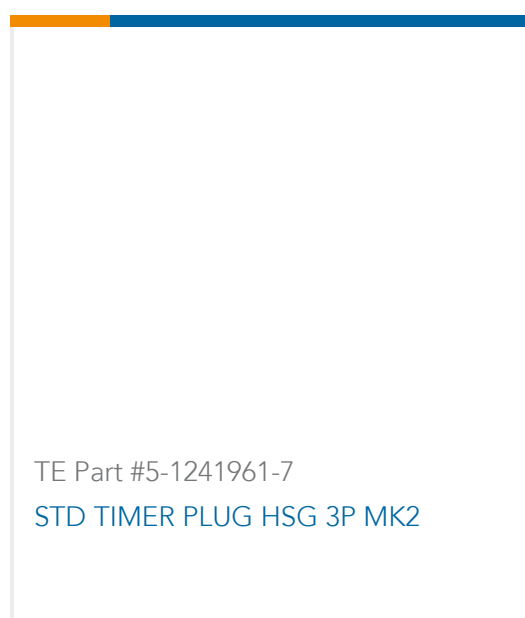
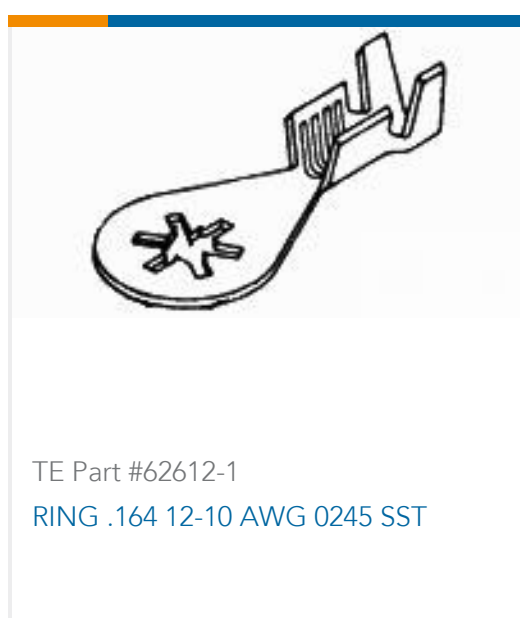
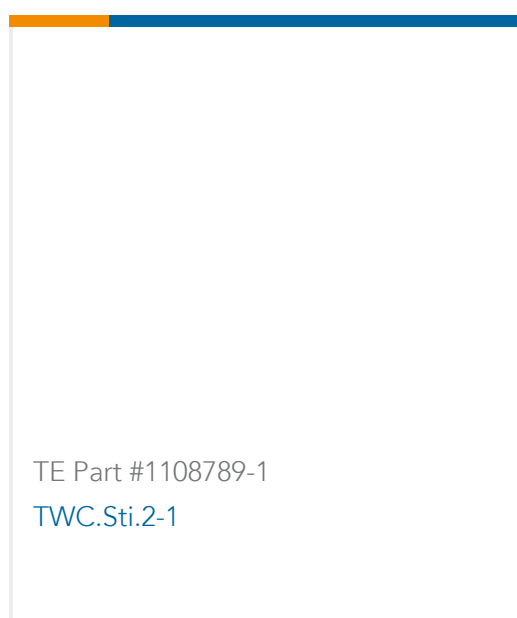


PCB Terminals(2)



Quick Disconnects(254)

Customers Also Bought

TE Part #3-929080-5
2POS MOS REC COD CTE Part #852743-3
CRIMPER, WIRETE Part #2331088-2
250 PL MII HSG. REC. 13MM2P BLACKTE Part #2331225-1
187 PL EX REC. 20-14AWG PTBRTE Part #5-1241961-7
STD TIMER PLUG HSG 3P MK2TE Part #62612-1
RING .164 12-10 AWG 0245 SSTTE Part #1108789-1
TWC.Sti.2-1

Documents

Product Drawings

FF 250 REC 0.5-1.0MM2 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_160860-2_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160860-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160860-2_M.3d_stp.zip](#)



English

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

Product Specifications

Application Specification

English

FASTIN-FASTON 110, 187, 205 And 312 Series Receptacle Contacts

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English

Agency Approvals

UL Report

English