

160557-4 ✓ ACTIVE

FASTIN-FASTON | FASTIN-FASTON 312

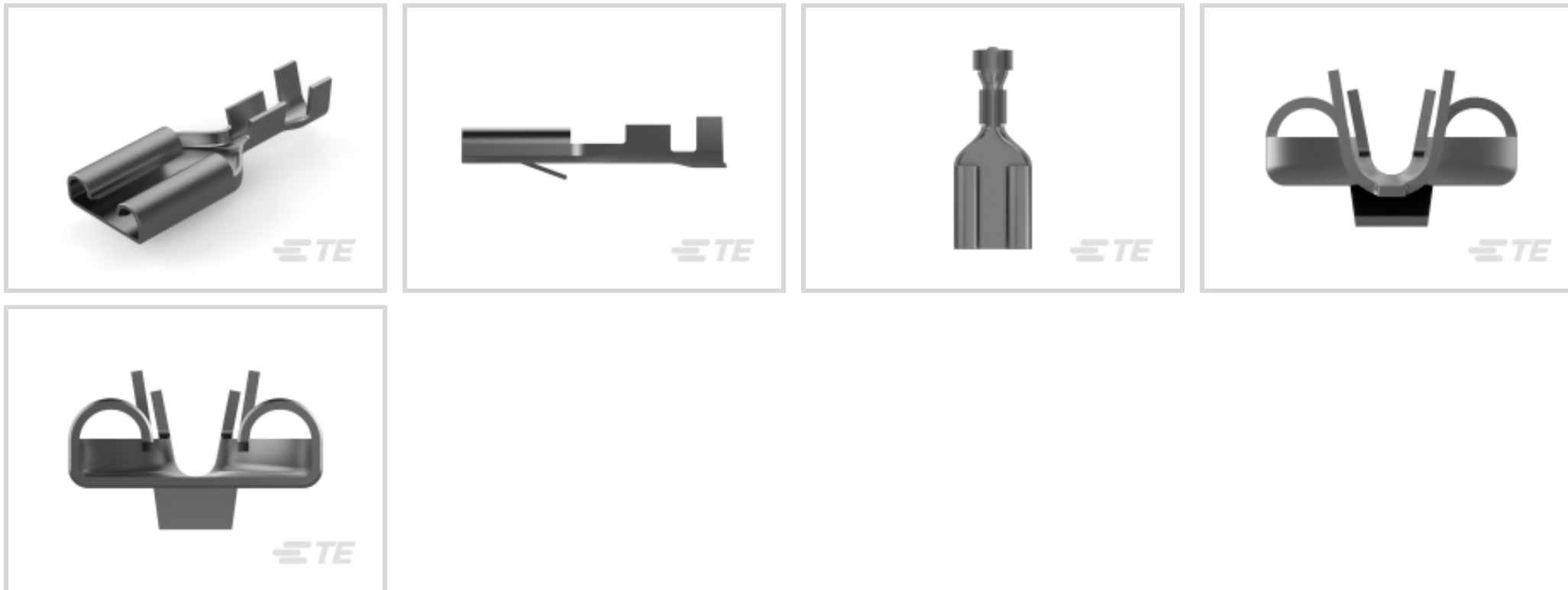
TE Internal #: 160557-4

Quick Disconnects, Receptacle, 20 – 15 AWG Wire Size, .51 – 1.65 mm² Wire Size, Mating Tab Width .312 in [7.92 mm], Straight, FASTIN-FASTON 312

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.65 mm²

Mating Tab Width: 7.92 mm [.312 in]

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

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

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

Contact Features

| | |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle |
| Mating Tab Width | 7.92 mm[.312 in] |
| Mating Tab Thickness | .81 mm[.032 in] |
| Terminal Orientation | Straight |



| | |
|---------------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
| Terminal Plating Material | Tin |
| Crimp Type | F-Crimp |
| Barrel Type | Open |

Mechanical Attachment

| | |
|-------------------------|---------------|
| Mating Retention Type | Locking Lance |
| Locking Lance Height | 1.1 mm |
| Wire Insulation Support | With |

Dimensions

| | |
|--|--------------------------------|
| Accepts Wire Insulation Diameter Range | 2.31 – 3.3 mm [.091 – .129 in] |
| Receptacle Terminal Stock Thickness | .41 mm [.016 in] |
| Overall Length | 23 mm [.905 in] |
| Wire Size | .51 – 1.65 mm ² |

Usage Conditions

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

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------------|
| Packaging Quantity | 4000 |
| Packaging Method | Strip/Reel |

Other

| | |
|---------|--------------------------------|
| Comment | According to DIN 46340, Part 5 |
|---------|--------------------------------|

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 # 42663-2
FF 312 REC 16-12AWG TPBR



TE Part # 160920-4
FF 312 REC 2.5-4MM2 TPPB



TE Part # 170191-3
FF 312 REC 18-14AWG TPBR
REREELING



TE Part # 2-2150435-2
OC-PA-E-FA-090F130F-001-0063



TE Part # 2150435-2
OC-AT-E-FA-090F130F-001-0063



TE Part # 280315-2
FF 312 REC 2.5-4MM2 PB SILVER
PLATED

Also in the Series | **FASTIN-FASTON 312**



Crimp Terminal Housings(13)



Quick Disconnects(14)

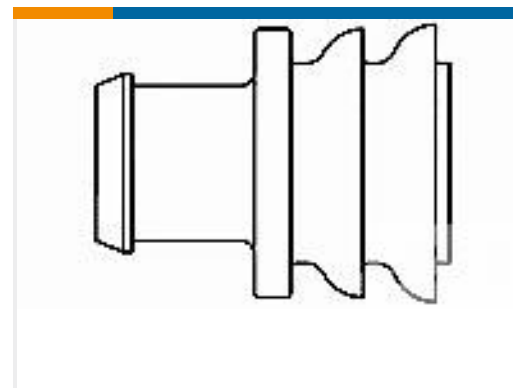
Customers Also Bought



TE Part #DT06-2S
DEUTSCH DT Series Housings & Connectors



TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

[FF 312 REC 0.5-1.5MM2 TPPB](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_160557-4_L_c-160557-4-l.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160557-4_L_c-160557-4-l.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_160557-4_L_c-160557-4-l.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English