

55808-1 ✓ ACTIVE

TE Internal #: 55808-1

Splices, Closed End Splice, 18 – 8 AWG Wire Size, .8 – 8 mm² Wire Size, 10.32 – 20.82 kcmil Wire Size, 10320 – 20820 CMA Wire Size, Copper, Black

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Terminals & Splices > Splices



Wire Size: 10.32 – 20.82 kcmil

Sealable: No

Compatible Insulation Diameter Range: 12.7 mm [.5 in]

Features

Product Type Features

| | |
|--|--------------------|
| Splice Accessory Type | Splice |
| Sealable | No |
| Splice Type | Closed End Splice |
| Compatible With Discrete Wire Type | Solid, Stranded |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

| | |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Body Features

| | |
|-----------------------|---------|
| Product Weight | 3.567 g |
| Primary Product Color | Black |

Contact Features

| | |
|---------------------------|--------|
| Terminal Plating Material | Tin |
| Contact Base Material | Copper |
| Barrel Type | Closed |

Mechanical Attachment

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



Dimensions

| | |
|--------------------------------------|--------------------|
| Wire Size | 10320 – 20820 CMA |
| Compatible Insulation Diameter Range | 12.7 mm[.5 in] |
| Terminal Material Thickness | 1.09 mm[.043 in] |
| Product Length | 32.08 mm[1.263 in] |

Usage Conditions

| | |
|-----------------------------|-----------------|
| Insulation Option | Fully Insulated |
| Operating Temperature Range | 105 °C[221 °F] |

Operation/Application

| | |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Identification Marking

| | |
|----------------|-----|
| Splice Marking | ECV |
|----------------|-----|

Industry Standards

| | |
|-----------------------------|----|
| Government Qualified Splice | No |
|-----------------------------|----|

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 250 |
| Packaging Method | Loose Piece |

Other

| | |
|-----------------------------|---|
| Terminals & Splices Comment | ECV-600V Max. Building Wiring. 1000V Max. Fixtures & Signs, 105°C UL, 90°C CSA. |
|-----------------------------|---|

Product Compliance

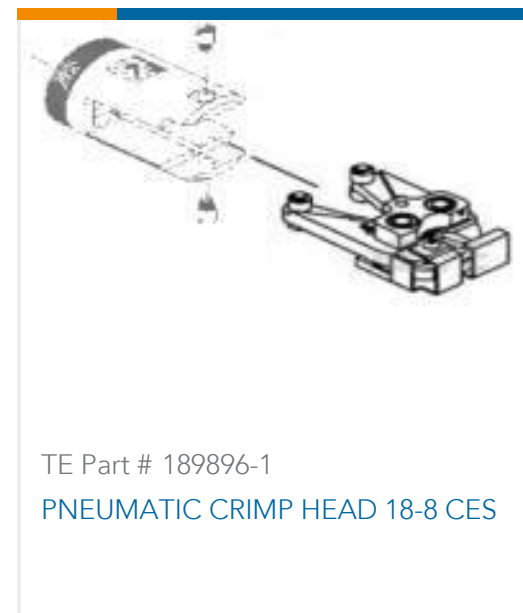
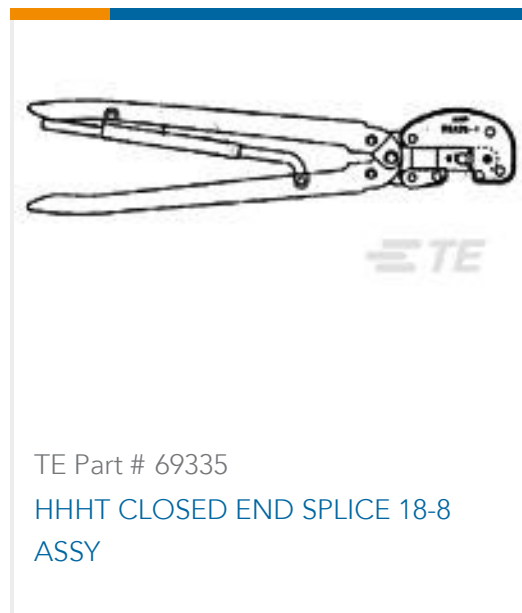
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

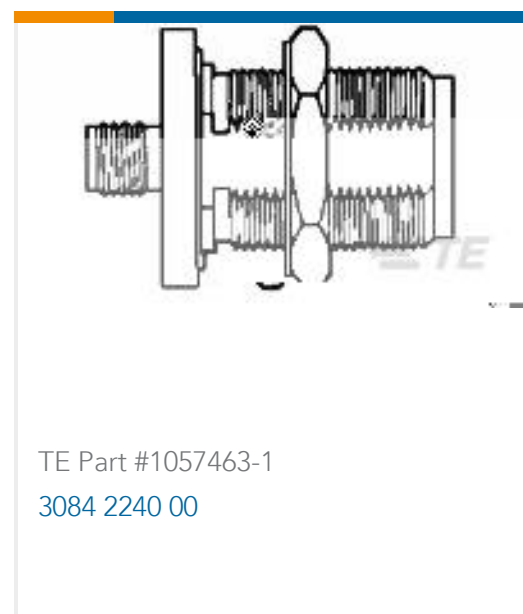
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Customers Also Bought





Documents

Product Drawings

[SPLICE,CE 18-8](#)

English

CAD Files

Customer View Model

[ENG_CVM_55808-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_55808-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_55808-1_E.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_55808-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_55808-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_55808-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

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