



TE Internal #: 8-55826-3
Splices, Butt Splice, 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size,
Sealable, .24 in [6.1 mm] Barrel Inside Diameter, 5180 – 13100 CMA
Wire Size, Copper
[View on TE.com >](#)

Terminals & Splices > Splices



Wire Size: 3 – 6 mm²
Sealable: Yes
Accepts Wire Insulation Diameter Range: 6.1 mm [.24 in]
Barrel Inside Diameter: 6.1 mm [.24 in]

Features

Product Type Features

| | |
|--|--------------------|
| Sealable | Yes |
| Splice Type | Butt Splice |
| Serrated | No |
| Compatible With Discrete Wire Type | Stranded |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

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

Body Features

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|----------------------------|---------------|
| Insulation Sleeve Material | Polyolefin |
| Weight per Piece | 1 g |
| Plating Material | Tin, Unplated |
| Primary Product Material | Copper |
| Primary Product Color | Yellow |

Contact Features

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|--------------------------|-----|
| Contact Plating Material | Tin |
|--------------------------|-----|



| | |
|-------------|--------|
| Barrel Type | Closed |
|-------------|--------|

Mechanical Attachment

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

Dimensions

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|--|--------------------|
| Wire Size | 5180 – 13100 CMA |
| Accepts Wire Insulation Diameter Range | 6.1 mm[.24 in] |
| Barrel Inside Diameter | 6.1 mm[.24 in] |
| Overall Product Length | 45.62 mm[1.796 in] |

Usage Conditions

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|-----------------------------|----------------------------|
| Insulation Option | Fully Insulated |
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |

Operation/Application

| | |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

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

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 25 |
| Packaging Method | Loose Piece |

Other

| | |
|-------------------|----|
| Military Category | No |
|-------------------|----|

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 |






Solder Process Capability

Not applicable for solder process capability



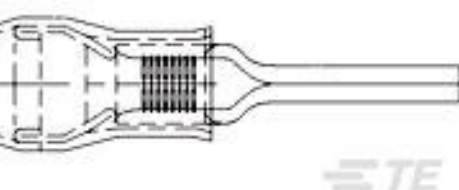


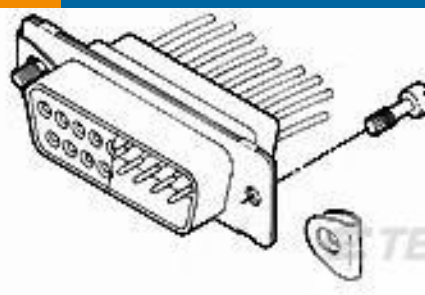


Product Compliance Disclaimer

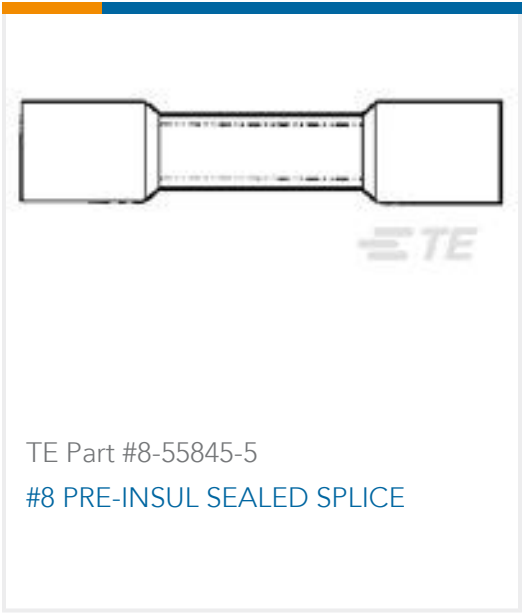
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 55826-1 12-10 PRE-INSUL SEALED SPLICE |  TE Part # 55893-1 CRIMP.TOOL 22-10(SEALED PROD.) |  TE Part # 55894-1 CRIMP.TOOL 16-8 (SEALED PROD.) |
|---|--|--|

Customers Also Bought

| | | | |
|---|---|---|---|
|  TE Part #350777-1 02P UMNL PLUG HSG |  TE Part #170364-1 MINI UNIVERSAL M-N-L PIN LP |  TE Part #160404-2 TERM, WIRE PIN, PIDG, 12-10 AWG |  TE Part #1217281-2 FF 110 REC 24-20AWG TPBR |
|  TE Part #2213775-1 AV16 SPM 0.4VA POWER LED WHITE 12V |  TE Part #1857211-1 KIT, SCREW RETAINER AMPLIMITE, |  TE Part #YDTS26W13-04SNV001 PLUG ASSY |  TE Part #180599 SOLIS 8 WIRE PIN |



Documents

Product Drawings

12-10 PRE-INSUL SEALED SPLICE

English

CAD Files

Customer View Model

ENG_CVM_CVM_8-55826-3_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-55826-3_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-55826-3_G.3d_stp.zip

English

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

Instruction Sheets

Instruction Sheet (U.S.)

English