

8-324001-1 ✓ ACTIVE

SOLISTRAND

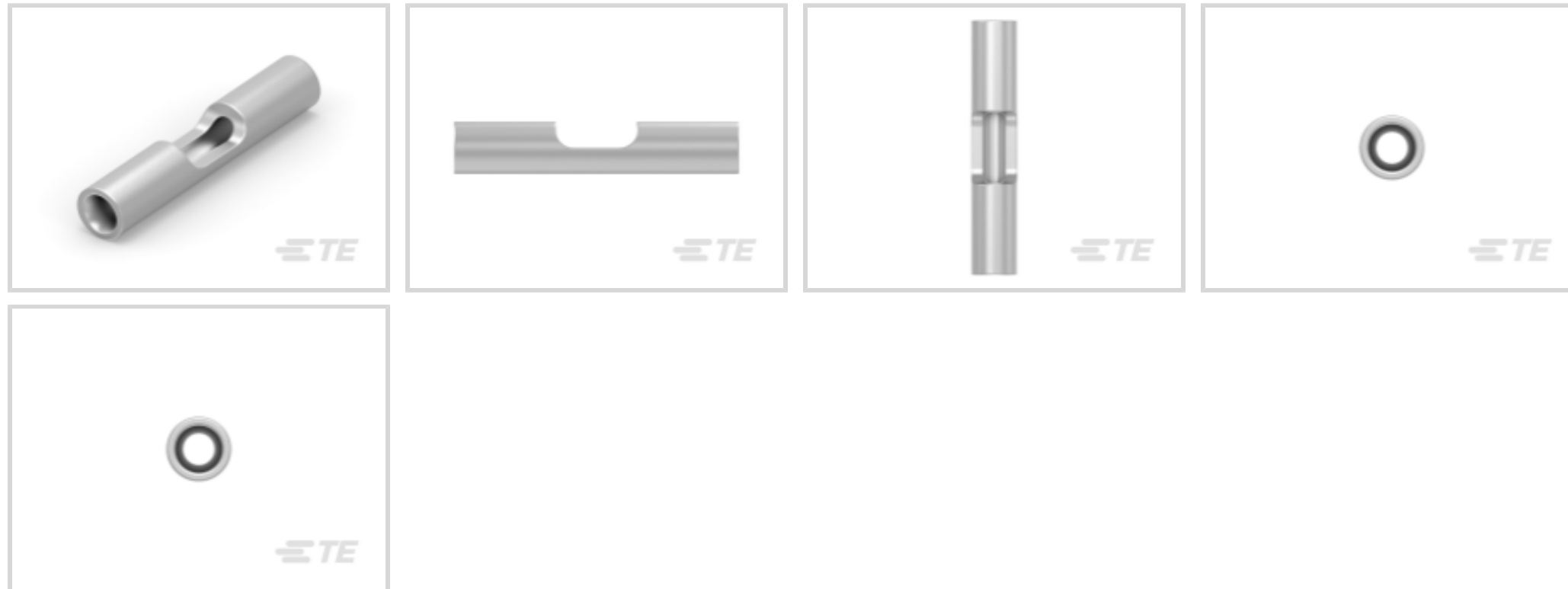
TE Internal #: 8-324001-1

Splices, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Strap, .043 in [1.09 mm] Barrel Inside Diameter, 320 – 1290 CMA Wire Size, Copper

[View on TE.com >](#)



Terminals & Splices > Splices



Wire Size: .2 – .6 mm²

Sealable: No

Splice Features: **Strap**

Barrel Inside Diameter: 1.09 mm [.043 in]

Features

Product Type Features

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

Configuration Features

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

Body Features

| | |
|--------------------------|--------|
| Weight per Piece | .332 g |
| Plating Material | Tin |
| Splice Features | Strap |
| Primary Product Material | Copper |

Contact Features

| | |
|--|--|
| | |
|--|--|



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

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

Mechanical Attachment

| | |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

| | |
|------------------|------------------|
| Outside Diameter | 2.67 mm[.105 in] |
|------------------|------------------|

| | |
|-----------|----------------|
| Wire Size | 320 – 1290 CMA |
|-----------|----------------|

| | |
|------------------------|------------------|
| Barrel Inside Diameter | 1.09 mm[.043 in] |
|------------------------|------------------|

| | |
|-----------------------------|----------------|
| Terminal Material Thickness | .6 mm[.024 in] |
|-----------------------------|----------------|

| | |
|------------------------|------------------|
| Overall Product Length | 12.45 mm[.49 in] |
|------------------------|------------------|

Usage Conditions

| | |
|-------------------------|----------------|
| High Temperature Rating | 170 °C[338 °F] |
|-------------------------|----------------|

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

| | |
|-----------------------------|----------------|
| Operating Temperature Range | 170 °C[338 °F] |
|-----------------------------|----------------|

Operation/Application

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

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

Industry Standards

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

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

| | |
|------------------|-------------|
| 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



Documents

Product Drawings

[SPLICE,SOLIS BUTT STRAP 24-20](#)

English

CAD Files

Customer View Model

[ENG_CVM_8-324001-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_8-324001-1_G.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_8-324001-1_G.2d_dxf.zip](#)

English



[3D PDF](#)

3D

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-324001-1_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-324001-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-324001-1_M.3d_stp.zip](#)

English

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English