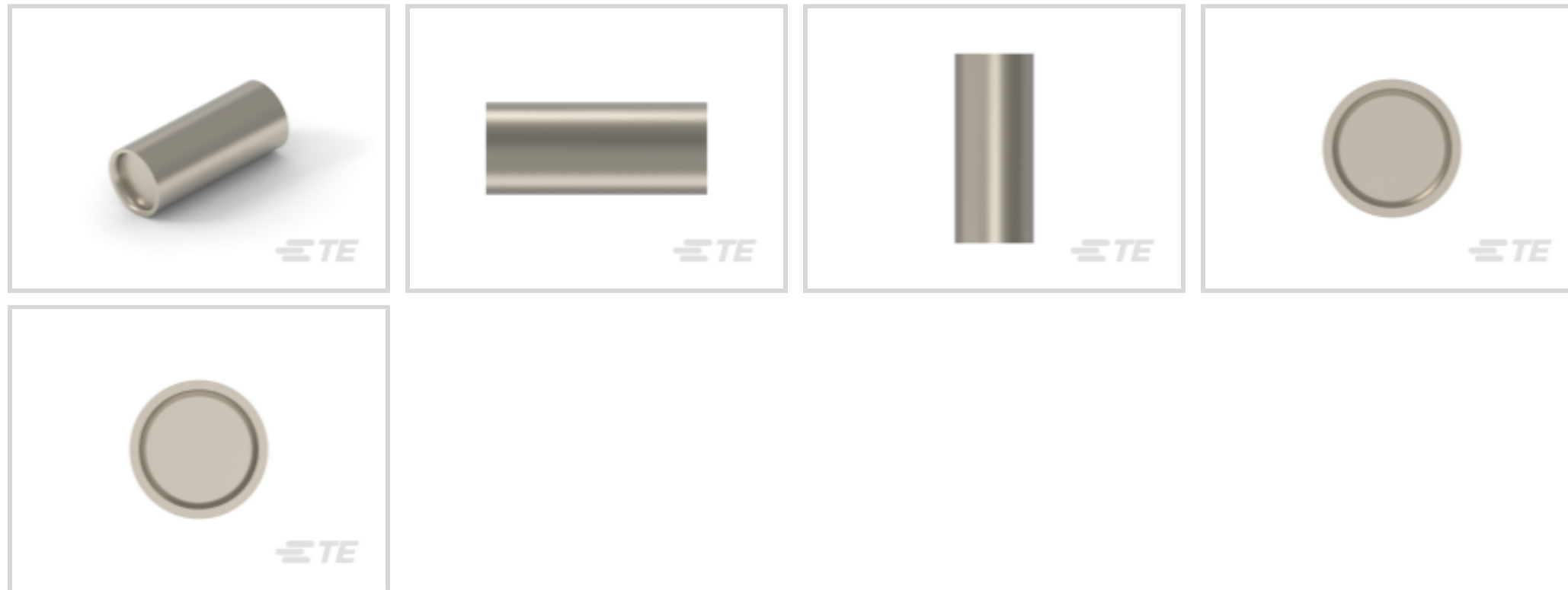




TE Internal #: 1958512-1
 Butt Splice, 1/0 AWG, 42.2 – 60 mm² Wire, 83700 – 119500 CMA,
 Uninsulated, Serrated, Copper, 50 Serration, 36.09 mm [1.421 in]
 Length, Loose Piece

[View on TE.com >](#)

Terminals & Splices > Splices



Splice Type: **Butt Splice**
 Wire Size: **42.2 – 60 mm²**
 Sealable: **No**
 Splice Features: **Serrated**

Features

Product Type Features

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

Configuration Features

Number of Serrations	50
Compatible With Wire & Cable Type	Discrete Wire

Body Features

Splice Features	Serrated
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Contact Features

	300 μin
Terminal Plating Material	Nickel
Contact Base Material	Copper
Barrel Type	Closed



Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	83700 – 119500 CMA
Barrel Inside Diameter	11.28 mm[.444 in]
Terminal Material Thickness	1.78 mm[.07 in]
Product Length	36.09 mm[1.421 in]

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Government Qualified Splice	No
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Packaging Features

Packaging Quantity	50
Packaging Method	Loose Piece

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

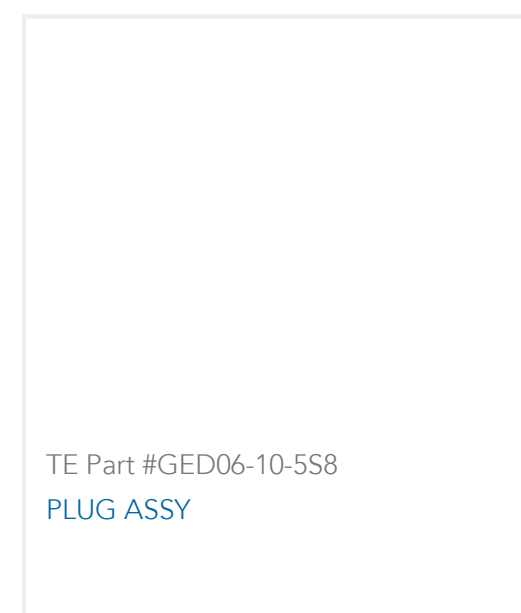
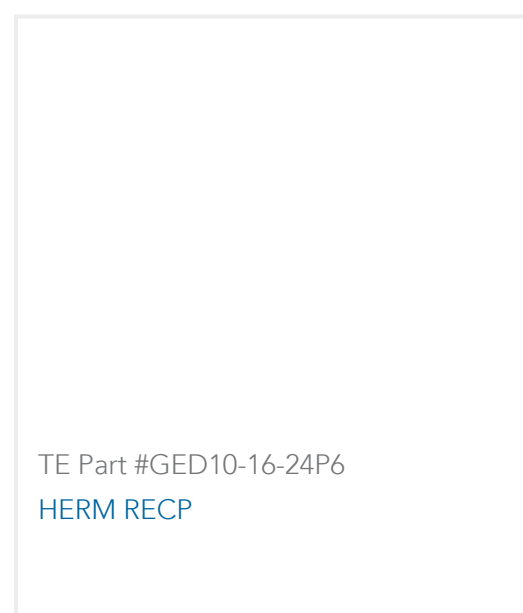
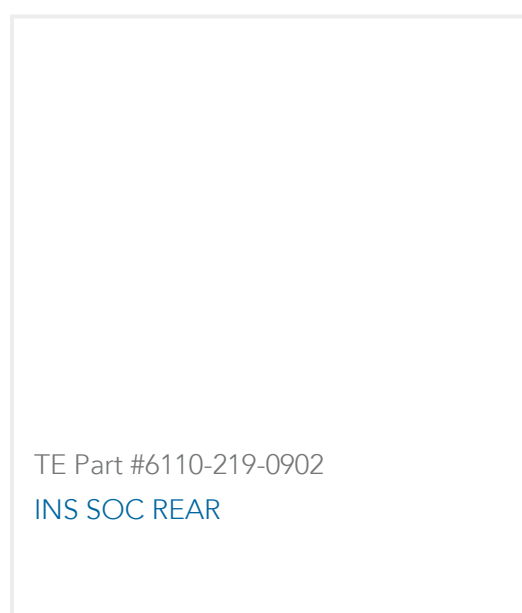
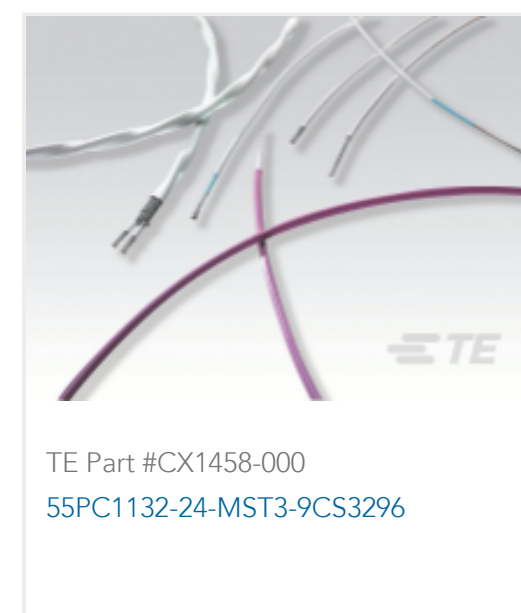
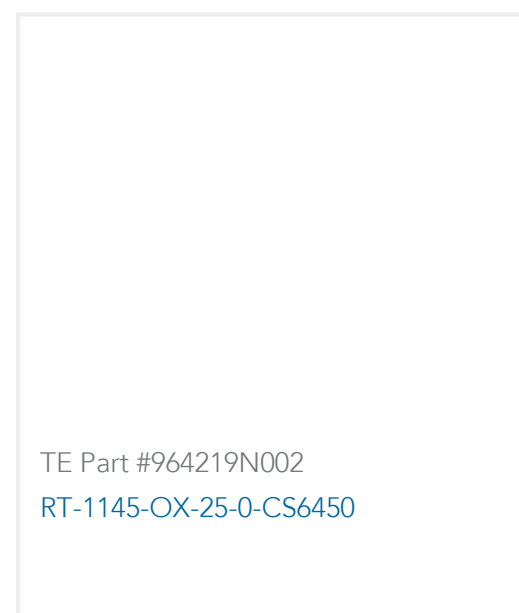
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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,STRATO-THERM, BUTT, HR, 1/0 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1958512-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1958512-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1958512-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SOLISTRAND - QRG](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English
