

31818 ✓ ACTIVE

SOLISTRAND

TE Internal #: 31818

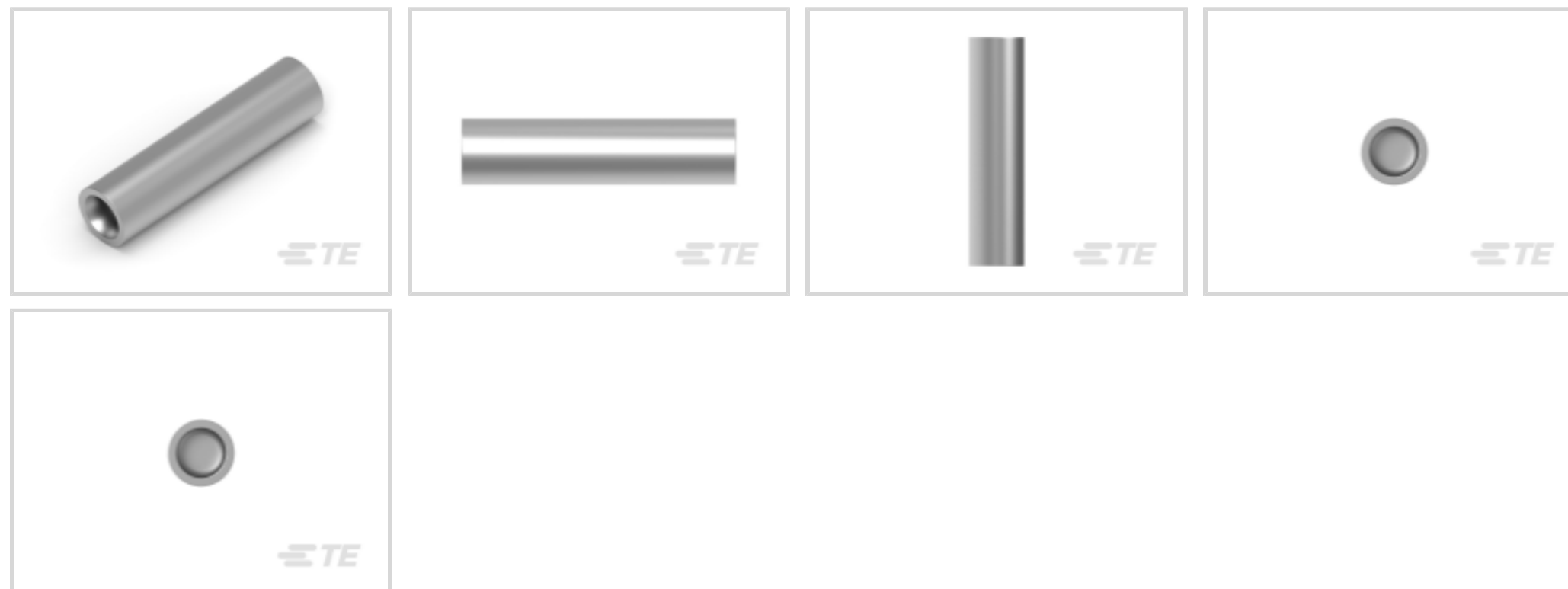
Splices, Butt Splice, 22 – 16 AWG Wire Size, .26 – 1.65 mm² Wire Size, Serrated, .061 in [1.55 mm] Barrel Inside Diameter, 509 – 3260

CMA Wire Size

[View on TE.com >](#)



Terminals & Splices > Splices



Wire Size: .26 – 1.65 mm²

Sealable: No

Splice Features: **Serrated**

Barrel Inside Diameter: 1.55 mm [.061 in]

Features

Product Type Features

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

Configuration Features

Number of Serrations	16
Compatible With Wire & Cable Type	Discrete Wire

Body Features

Product Weight	.975 g
Splice Features	Serrated

Contact Features

	100 μin
Terminal Plating Material	Tin



Contact Base Material	Copper
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Barrel Type	Closed
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Outside Diameter	3.58 mm[.141 in]
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Wire Size	509 – 3260 CMA
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Barrel Inside Diameter	1.55 mm[.061 in]
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Terminal Material Thickness	.79 mm[.031 in]
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Product Length	14.68 mm[.578 in]
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Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range	170 °C[338 °F]
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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	1000
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Packaging Method	Loose Piece
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Other

Terminals & Splices Comment	Marking: Commercial 22-16- Military 22-18 in accordance with MIL-T-7928.
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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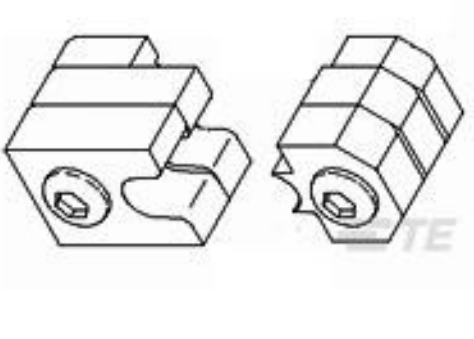



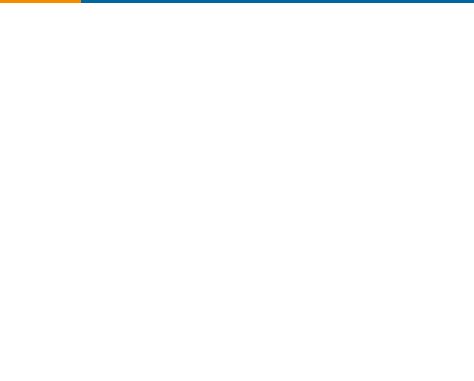
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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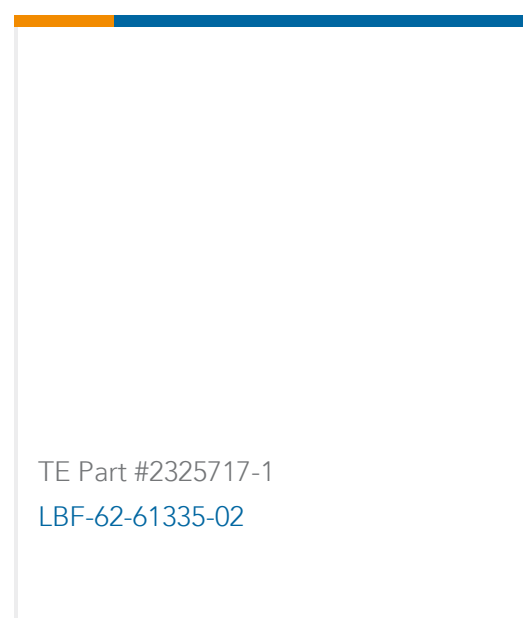
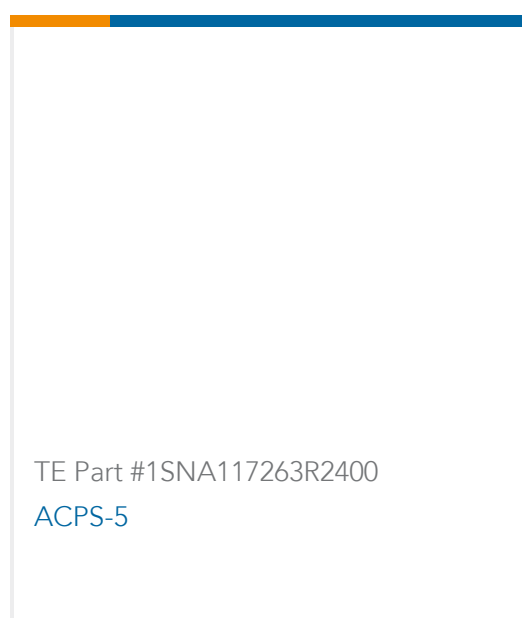
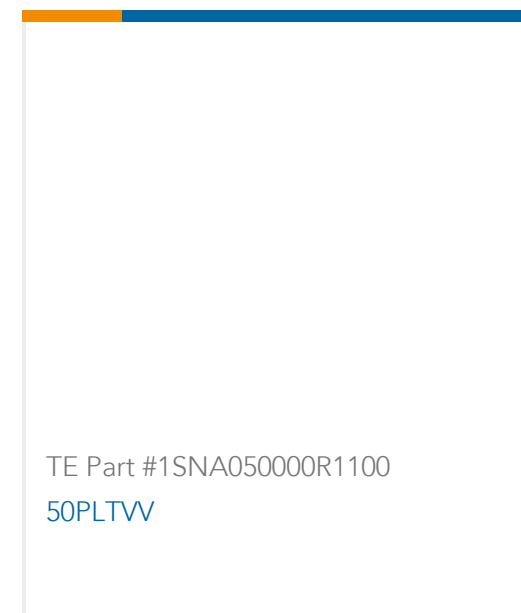
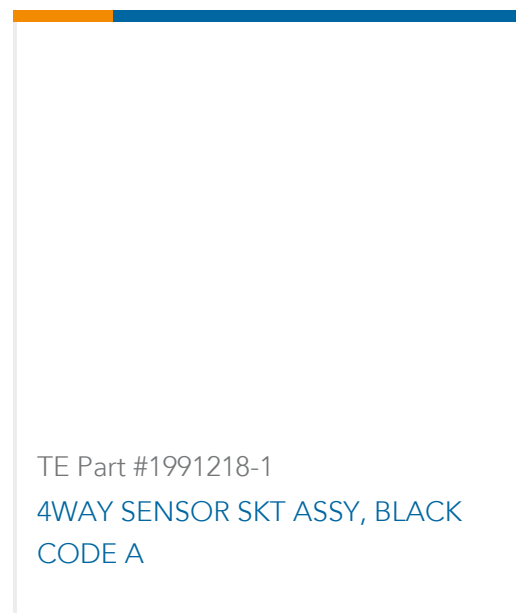
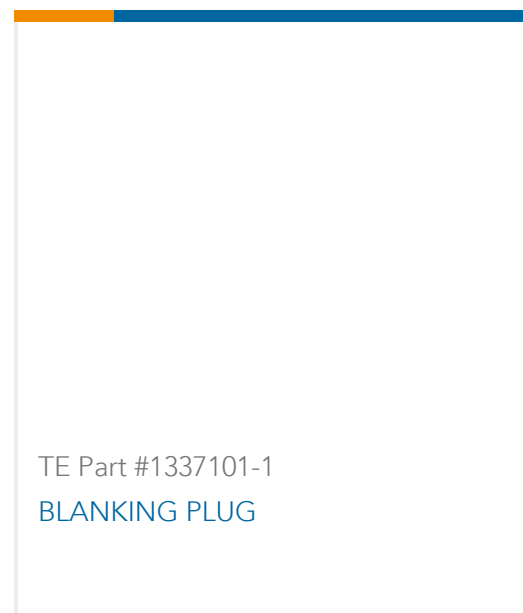
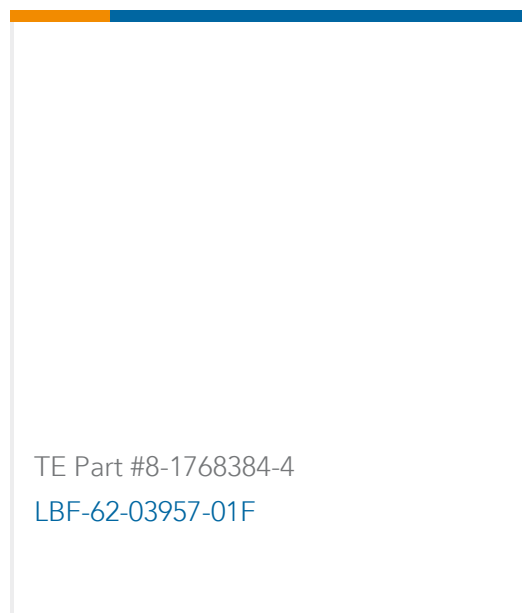
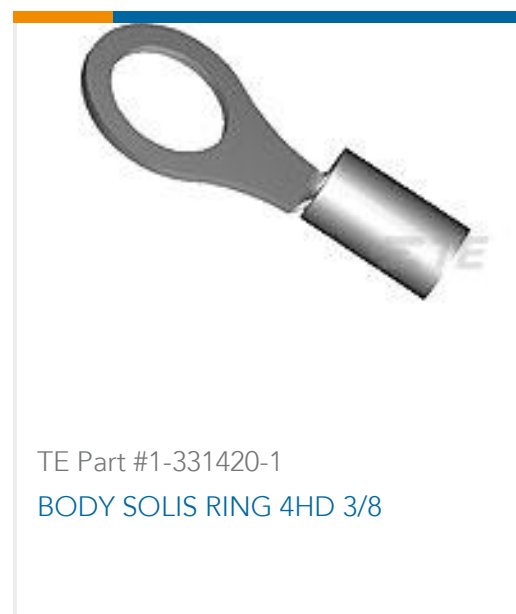
Product Compliance Disclaimer

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

 <p>TE Part # 58545-1 SOLISTRAND 10-22 DIE ASSY</p>	 <p>TE Part # 58546-1 PC 22-10 SOLISSPICE SPL I SHT</p>	 <p>TE Part # 49935 DAHT SOLIS 22-10 ASSY</p>	 <p>TE Part # 525693 DAHT SOLIS 22-10 ASSY</p>
 <p>TE Part # 58545-3 SDE DIE ASSY. 22-10 SOLISTRAND</p>	 <p>TE Part # 47812 DIES SOLIS 22-16 DIE SET</p>	 <p>TE Part # 7-1377172-1 SMP 0-0031818-0</p>	 <p>TE Part # 539662-2 MATR SOLISTR 0,3-6,</p>
 <p>TE Part # 169400 CERTI-LOK FRAME W/O DIES</p>	 <p>TE Part # 58545-4 SOLISTRAND 10-22 DIE ASSY.</p>		

Customers Also Bought



Documents

Product Drawings

[SPLICE, SOLIS, BUTT, 22-16 COMM 22-18MIL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_31818_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_31818_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_31818_R.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 Environmental Compliance

[MD_31818_10312017710_dmtec](#)

English

[MD_31818_10312017710_dmtec](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

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