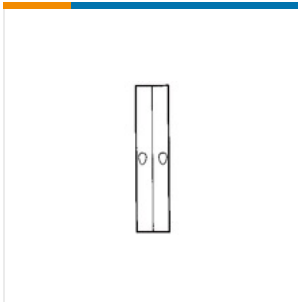




# SPLICES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

## SOLIS BUTT 22-16 COMM 22-18MIL

[SOLISTRAND](#) | [SOLISTRAND](#)

31818

TE Internal Number: 31818  
Alias ID: 768360-000, AMPS-0-0031818-0

Always EU RoHS/ELV Compliant

Product Type **Splice**

Sealed **No**

Barrel Inside Diameter **1.55 mm [ .061 in ]**

Wire Size (AWG) **22 – 16**

Wire Size (CMA) **509 – 3260**

### Product Drawings

[SPLICE, BUTT, STANDARD, SOLISTRAND](#)

PDF  
English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_GS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_31818\\_091820141020\\_dmtec](#)

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

### Product Type Features

Product Type	<b>Splice</b>
Sealed	<b>No</b>
Splice Type	<b>Butt Splice</b>
Serrated	<b>Yes</b>
Insulated	<b>No</b>

	Insulated Wire Support	<b>No</b>
Configuration Features	Number of Serrations	<b>16</b>
Body Features	Splice Material	<b>Copper</b>
	Weight per Piece (g)	<b>.975</b>
	Plating Material	<b>Tin</b>
Contact Features	Contact Plating Material	<b>Tin</b>
	Contact Plating Thickness (µin)	<b>100</b>
Dimensions	Barrel Inside Diameter	<b>1.55 mm [ .061 in ]</b>
	Wire Size (AWG)	<b>22 – 16</b>
	Wire Size (CMA)	<b>509 – 3260</b>
	Wire Size (mm <sup>2</sup> )	<b>.3 – 1.42</b>
	Material Thickness	<b>.84 mm [ .033 in ]</b>
	Outside Diameter	<b>3.58 mm [ .141 in ]</b>
Usage Conditions	Operating Temperature (Max) (°C)	<b>170</b>
Industry Standards	Government Qualified	<b>No</b>
	Military Category	<b>No</b>
Packaging Features	Packaging Method	<b>Loose Piece</b>
	Packaging Quantity	<b>1000</b>
Other	Comment	<b>Marking: Commercial 22-16- Military 22-18 in accordance with MIL-T-7928.</b>

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

