



# POWER CONTACTS



TE CONNECTIVITY (TE)

## VAL-U-LOK SKT BR SN 24-18 LP

[VAL-U-LOK](#) | [VAL-U-LOK](#)

1586315-1

TE Internal Number: 1586315-1

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **9**

Operating Voltage (VAC) **600**

Wire/Cable Size (AWG) **24 – 18**

Wire/Cable Size (mm<sup>2</sup>) **.2 – .8**

Active

[PRODUCT DRAWING](#)  
English

[3D PDF](#)

### Product Drawings

[TERMINAL LOOSE PIECE, SOCKET VAL-U-LOK\(TM\)](#)

PDF  
English

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

### Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

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English

### Product Specifications

Product Specification

[VAL-U-LOK Connectors](#)

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Application Specification

[VAL-U-LOK Series Headers, Connectors And TPA Accessories](#)

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Qualification Test Report

[VAL-U-LOK Connectors](#)

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### Product Environmental Compliance

TE Material Declaration

[MD\\_1586315-1\\_110620132225\\_dmtec](#)

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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	Contact
Electrical Characteristics	Contact Current Rating (A)	<b>9</b>
	Operating Voltage (VAC)	<b>600</b>
Contact Features	Contact Type	<b>Socket</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Material	<b>Pre-Tin</b>
	Contact Mating Area Plating Thickness	<b>2.54 <math>\mu</math>m [ 100 <math>\mu</math>in ]</b>
	Contact Design	<b>Single Beam</b>
Termination Features	Wire/Cable Size (AWG)	<b>24 – 18</b>
	Wire/Cable Size (mm <sup>2</sup> )	<b>.2 – .8</b>
	Termination Type	<b>Crimp</b>
Dimensions	Accepts Wire Insulation Diameter Range	<b>1.5 – 2.4 mm [ .059 – .0941 in ]</b>
Operation/Application	Circuit Application	<b>Signal</b>
	Operating Temperature Range	<b>-40 – 105 °C [ -40 – 221 °F ]</b>
	Connector System	<b>Wire-to-Board, Wire-to-Wire</b>
Industry Standards	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	UL File Number	<b>E28476</b>
	Agency/Standard	<b>CSA, UL</b>
	CSA File Number	<b>208567</b>
	UL Rating	<b>Recognized</b>
Packaging Features	Packaging Method	<b>Bag</b>
	Packaging Quantity	<b>500</b>
Other	Wire/Cable Type	<b>Discrete Wire</b>

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	POWER CONTACTS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS
			
<p>20P RCPT VAL-U-LOK V2 2-794954-0</p>	<p>VAL-U-LOK PIN BR TN 24-18 LP 1586314-1</p>	<p>16P RCPT VAL-U-LOK V2 1-794954-6</p>	<p>24P RCPT VAL-U-LOK V2 2-794954-4</p>
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