



RECTANGULAR POWER CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



TE CONNECTIVITY (TE)

3P RCPT VAL-U-LOK SR V0

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

1586106-3

TE Internal Number: 1586106-3

[Always EU RoHS/ELV Compliant](#)

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Board, Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**



Product Drawings

RECEPTACLE, 3 CIRCUIT, V0 VAL-U-LOK(TM)

PDF ([TIFF AVAILABLE](#))
English

RECEPTACLE, 3 CIRCUIT, V0 VAL-U-LOK(TM)

PDF ([TIFF AVAILABLE](#))
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Catalog Pages/Data Sheets

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

PDF
English

Product Specifications

Product Specification

[VAL-U-LOK Connectors](#)PDF
English

Application Specification

[VAL-U-LOK Series Headers, Connectors And TPA Accessories](#)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	Housing
	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	3
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	3
	Number of Rows	1
	Row-to-Row Spacing	4.2 mm [.165 in]
	Contact Layout	Inline
Electrical Characteristics	Operating Voltage (VAC)	600
Termination Features	Wire/Cable Type	Discrete Wire
Mechanical Attachment	Assembly Integration Feature	Without
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon
Dimensions	Length	13.8 mm [.543 in]
	Height	7.4 mm [.291 in]
	Accepts Wire Insulation Diameter Range	1.2 – 3.1 mm [.047 – .122 in]
	Width	20.6 mm [.811 in]
Usage Conditions	Sealed Condition	Not Sealed

Usage Conditions	Sealed Condition	Not Sealed
	Insertion Force (Newton)	15
Operation/Application	Connector System	Wire-to-Board, Wire-to-Wire
	Applies To	Wire/Cable
	Operating Temperature	-40 – 105 °C [-40 – 221 °F]
	Circuit Application	Signal
Identification Marking	Circuit Identification Feature	With
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	UL Rating	Recognized
	CSA File Number	208567
	Agency/Standard	CSA, UL
	VDE Tested	No
	Agency/Standard Number	E28476
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	1000
Other	Selectively Loaded	No
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

