



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)
2P RCPT VAL-U-LOK V0
[VAL-U-LOK](#) | [VAL-U-LOK](#)

1586019-2
 TE Internal Number: 1586019-2
 Alias ID: CS0426-000, PER-1586019-2

[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 **2**

✓ Active

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

Product Drawings

[RECEPTACLE HOUSING, V0, VAL-U-LOK\(TM\)](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[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

Product Environmental Compliance

TE Material Declaration

[MD_1586019-2_050420142252_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	Housing
	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	2
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	2
	Number of Rows	2
	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	5.4 mm [.213 in]
	Height	10.8 mm [.425 in]
	Accepts Wire Insulation Diameter Range	1.2 – 3.1 mm [.047 – .122 in]
	Width	20 mm [.787 in]
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	500

Other	Selectively Loaded	No
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Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 11 Results

[View All](#)

[Compare 0/10](#)

Relation Type



RELATIONSHIP
Mating Products
 Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Connector Housings VAL-U-LOK VAL-U-LOK</p> <p>02P DUAC PLUG HSG 94V-0 PAN MT - 794598-2</p> <p>TE INTERNAL NUMBER: 794598-2</p> <p> Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Centerline 4.2 mm</p> <p>Number of Rows 2</p> <p>Housing Material Nylon</p> <p>Connector Style Plug</p> <p>Contact Type Pin</p>	
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RELATIONSHIP
Mating Products
 Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors AMP-DUAC</p> <p>02P DUAC RA HDR ASSY W/PFGS I F - 1-794526-1</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Housing Type Plug</p>	
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VAL-U-LOK | VAL-U-LOK
TE INTERNAL NUMBER: 1-794526-1

✓ Active

Applies To **Printed Circuit Board**

Contact Current Rating **9 A**

Number of Positions **2**

UL Flammability Rating **UL 94V-0**

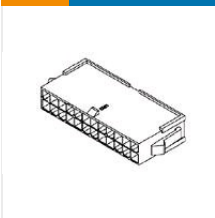
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Connector Housings
VAL-U-LOK | VAL-U-LOK

02 DUAC PLUG HSG 94V-0 FR/HANG - 794594-2

TE INTERNAL NUMBER: 794594-2

✓ Active

Always EU RoHS/ELV Compliant

Insertion Force **4 Newton**

Centerline **4.2 mm**

Number of Rows **2**

Housing Material **Nylon**

Connector Style **Plug**

