



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)
6P RCPT VAL-U-LOK V0
[VAL-U-LOK](#) | [VAL-U-LOK](#)

1586019-6
 TE Internal Number: 1586019-6

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 **6**

✓ 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_1586019-6_08082014243_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	6
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	6
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [.165 in]
	Contact Layout	Matrix
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	11.8 mm [.464 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

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>6P PM PLUG VAL-U-LOK V0 1586018-6</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>18P RCPT VAL-U-LOK V0 1-1586019-8</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>18P PM PLUG VAL-U-LOK V2 1-794953-8</p> <p>Save to List Find Similar Products</p>	<p>CIRCULAR CONNECTOR SEALS</p>  <p>NGC SEALING PLUG 796075-1</p> <p>Save to List Find Similar Products</p>
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

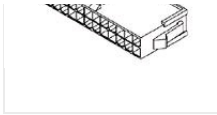
Connectors - Rectangular Connector Housings
VAL-U-LOK | VAL-U-LOK

06 DUAC PLUG HSG 94V-

Always EU RoHS/ELV Compliant

Insertion Force **4 Newton**





0 FR/HANG - 794594-6

TE INTERNAL NUMBER: 794594-6

✓ Active

Centerline **4.2 mm**

Number of Rows **2**

Housing Material **Nylon**

Connector Style **Plug**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
VAL-U-LOK | VAL-U-LOK

6P PM PLUG VAL-U-LOK

V0 - 1586018-6

TE INTERNAL NUMBER: 1586018-6

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Panel,**
Wire-to-Wire

Applies To **Wire/Cable**

Number of Positions **6**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
DUAC Connectors | DUAC PL Connectors

AMP DUAC/PL 03P HDR

ASSY RA - 5794173-4

TE INTERNAL NUMBER: 5794173-4

✓ Active

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