



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE) 4P RCPT VAL-U-LOK V2 [VAL-U-LOK](#) | [VAL-U-LOK](#)

794954-4
TE Internal Number: 794954-4

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 **4**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

Product Drawings

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

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
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[Customer View Model](#)

3D_STP.ZIP
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Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

Product Specifications

Product Specification

[VAL-U-LOK Connectors](#)

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Application Specification

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

PDF
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Product Environmental Compliance

TE Material Declaration

[MD_794954-4_06182014342_dmtec](#)

PDF
English

Drawing for all design activity.

Product Type Features	Product Type	Housing
	Housing Type	Receptacle
	Contact Type	Socket

Configuration Features	Number of Positions	4
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	4
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [.165 in]
	Multiple Contact Types	Without
	Contact Layout	Matrix, Square Grid

Electrical Characteristics	Operating Voltage (VAC)	600
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Termination Features	Wire/Cable Type	Discrete Wire
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Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon

Dimensions	Length	9.6 mm [.378 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
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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	For Use With	Printed Circuit Board
	Selectively Loaded	No
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>POWER CONTACTS</p>  <p>VAL-U-LOK SKT PHBZ SN 24-18 LP 1586315-3</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>4P FH PLUG VAL-U-LOK V2 1586000-4</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>VAL-U-LOK PIN BR SN 16AWG 1586054-1</p> <p>Save to List Find Similar Products</p>	<p>CRIMP RINGS & SPADES</p>  <p>TERMINAL, PIDG SPR SPD 16-14 5 52934-1</p> <p>Save to List Find Similar Products</p>
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RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS





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

4P VAL-U-LOK R/A HDR V2 - 1586041-4

TE INTERNAL NUMBER: 1586041-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating **9 A**

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

04 DUAC PLUG HSG 94V- 2 FR/HANG - 794542-4

TE INTERNAL NUMBER: 794542-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

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

Applies To **Printed Circuit Board**

UL Flammability Rating **UL 94V-2**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



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

4P VAL-U-LOK VRT HDR W/P V2 - 1586039-4

TE INTERNAL NUMBER: 1586039-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating **9 A**

