



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE) 20P RCPT VAL-U-LOK V2 [VAL-U-LOK](#) | [VAL-U-LOK](#)

2-794954-0
TE Internal Number: 2-794954-0

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 **20**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[RECEPTACLE HOUSING, 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](#)

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.

	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	20
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	10
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [.165 in]
	Multiple Contact Types	Without
	Contact Layout	Matrix
Electrical Characteristics	Operating Voltage (VAC)	600
Termination Features	Wire/Cable Type	Discrete Wire
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon
Dimensions	Length	43.2 mm [1.7 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	For Use With	Printed Circuit Board
	Selectively Loaded	No

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

POWER CONTACTS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	CRIMP RINGS & SPADES
<p>VAL-U-LOK SKT BR SN 24-18 LP 1586315-1</p> <p>Save to List Find Similar Products</p>	<p>18P RCPT VAL-U-LOK V2 1-794954-8</p> <p>Save to List Find Similar Products</p>	<p>16P RCPT VAL-U-LOK V2 1-794954-6</p> <p>Save to List Find Similar Products</p>	<p>PG SPDFLG 22-16COMM 22-18MIL 6 322249</p> <p>Save to List Find Similar Products</p>

Products - 11 Results

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Relation Type ▼

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
**20P VAL-U-LOK R/A HDR
SCRMT V2 - 2-1586043-0**
TE INTERNAL NUMBER: 2-1586043-0

✓ 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

**20P DUAC 94V2 W0/PEG
WO/DH LF - 2-1586491-0**

TE INTERNAL NUMBER: 2-1586491-0

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type **Plug**

Applies To **Printed Circuit Board**

Contact Current Rating **9 A**

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



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

**20P VAL-U-LOK R/A HDR
V2 - 2-1586041-0**

TE INTERNAL NUMBER: 2-1586041-0

✓ 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**

