

## RECTANGULAR POWER CONNECTORS



### TE CONNECTIVITY (TE) 24P RCPT VAL-U-LOK V2

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



2-794954-4

TE Internal Number: 2-794954-4



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 **24**

✓ Active

[PRODUCT DRAWING](#)

English

[3D PDF](#)

### Product Drawings

#### RECEPTACLE HOUSING, VAL-U-LOK(TM)

PDF

English

### CAD Files

#### Customer View Model

3D\_STP.ZIP

English

#### Customer View Model

2D\_DXF.ZIP

English

#### 3D PDF

PDF

3D

#### Customer View Model

3D\_IGS.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

### Product Environmental Compliance

#### TE Material Declaration

#### MD\_2-794954-4\_041720142216\_dmtec

PDF

English

Drawing for all design activity.

Product Type Features	Product Type	<b>Housing</b>
	Housing Type	<b>Receptacle</b>
	Contact Type	<b>Socket</b>
Configuration Features	Number of Positions	<b>24</b>
	Centerline	<b>4.2 mm [ .165 in ]</b>
	Number of Signal Positions	<b>24</b>
	Number of Rows	<b>2</b>
	Row-to-Row Spacing	<b>4.2 mm [ .165 in ]</b>
	Multiple Contact Types	<b>Without</b>
	Contact Layout	<b>Matrix</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
Termination Features	Wire/Cable Type	<b>Discrete Wire</b>
Housing Features	UL Flammability Rating	<b>UL 94V-2</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon</b>
Dimensions	Length	<b>51.6 mm [ 2.031 in ]</b>
	Height	<b>11.8 mm [ .464 in ]</b>
	Accepts Wire Insulation Diameter Range	<b>1.2 – 3.1 mm [ .047 – .122 in ]</b>
	Width	<b>20 mm [ .787 in ]</b>
Usage Conditions	Sealed Condition	<b>Not Sealed</b>
	Insertion Force (Newton)	<b>15</b>
Operation/Application	Connector System	<b>Wire-to-Board, Wire-to-Wire</b>
	Applies To	<b>Wire/Cable</b>
	Operating Temperature	<b>-40 – 105 °C [ -40 – 221 °F ]</b>
	Circuit Application	<b>Signal</b>
Identification Marking	Circuit Identification Feature	<b>With</b>

Industry Standards	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	UL Rating	<b>Recognized</b>
	CSA File Number	<b>208567</b>
	Agency/Standard	<b>CSA, UL</b>
	VDE Tested	<b>No</b>
	Agency/Standard Number	<b>E28476</b>
<hr/>		
Packaging Features	Packaging Method	<b>Bag/Box</b>
	Packaging Quantity	<b>500</b>
<hr/>		
Other	For Use With	<b>Printed Circuit Board</b>
	Selectively Loaded	<b>No</b>
<hr/>		
Product Compliance	<b>Statement of Compliance</b> PDF	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>

## CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	THROUGH-HOLE RESISTORS	POWER CONTACTS
			
24P FH PLUG VAL-U-LOK V2 2-1586000-4	10P VAL-U-LOK R/A HDR V2 1-1586041-0	HBA RE 33M 1% 100PPM HBA33MFZRE	VAL-U-LOK SKT BR SN 24-18 LP 1586315-1

Products - 9 Results

[View All](#)

Compare 0/10 

Relation Type 
---

### RELATIONSHIP

#### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS




Connectors - Rectangular Power Connectors  
VAL-U-LOK I VAL-U-LOK

## 24P VAL-U-LOK R/A HDR

### V2 - 2-1586041-4

TE INTERNAL NUMBER: 2-1586041-4

✓ 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 I VAL-U-LOK

## 24P PM PLUG VAL-U-

### LOKV2 - 2-794953-4

TE INTERNAL NUMBER: 2-794953-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

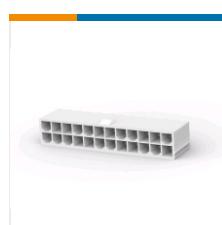
Number of Positions **24**

#### RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



#### PRODUCT - MATING PRODUCTS

Connectors - Rectangular Power Connectors  
VAL-U-LOK I VAL-U-LOK

## 24P VERT HDR VAL-U-

### LOK V2 - 2-1586037-4

TE INTERNAL NUMBER: 2-1586037-4

✓ 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**