



RECTANGULAR POWER CONNECTORS



✓ Active

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**



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**

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	Housing
	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	24
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	24
	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	51.6 mm [2.031 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

RECTANGULAR POWER CONNECTORS




24P FH PLUG VAL-U-LOK V2
2-1586000-4

Save to List

Find Similar Products

RECTANGULAR POWER CONNECTORS




10P VAL-U-LOK R/A HDR V2
1-1586041-0

Save to List

Find Similar Products

THROUGH-HOLE RESISTORS




HBA RE 33M 1% 100PPM
HBA33MFZRE

Save to List

Find Similar Products

POWER CONTACTS



VAL-U-LOK SKT BR SN 24-18 LP
1586315-1

Save to List

Find Similar Products

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 | 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 | 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 | 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**

✓