

RECTANGULAR POWER CONNECTORS

















PRODUCT DRAWING



3D PDF



VAL-U-LOK | VAL-U-LOK

1586038-4

TE Internal Number: 1586038-4

Always EU RoHS/ELV Compliant

Product Type **Header**

Housing Type Plug

Connector System Wire-to-Board

Applies To Printed Circuit Board

Contact Current Rating (A) 9

WITH DRAIN HOLES VAL-U-LOK(TM) **Product Drawings**

PDF **English**

CAD Files 3D PDF

PDF

Customer View Model

2D_DXF.ZIP English

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D STP.ZIP English

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG Catalog Pages/Data Sheets

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_1586038-4_12302015156_dmtec

PDF English

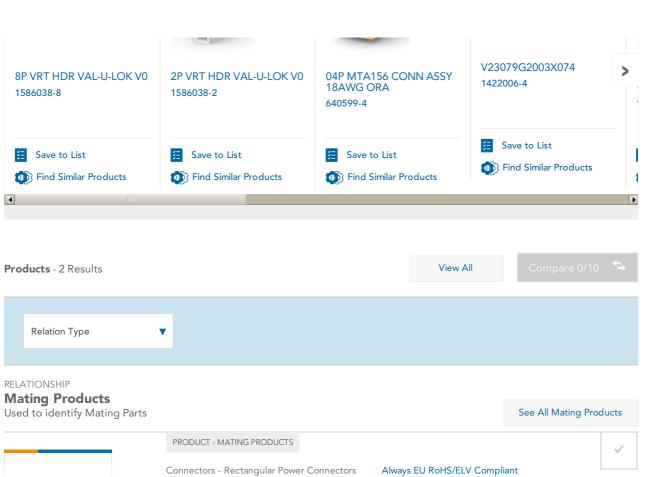
Product Type Features	Product Type	Header
	Housing Type	Plug
	Contact Type	Pin
	Header Type	Shrouded
Configuration Features	Number of Positions	4
	Centerline	4.2 mm [.165 in]
	PCB Mounting Orientation	Vertical
	Number of Signal Positions	4
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [.165 in]
	Contact Layout	Inline, Matrix, Square Grid
Electrical Characteristics	Contact Current Rating (A)	9
	Operating Voltage (VAC)	600
Contact Features	Contact Retention	With
	Contact Termination Area Plating Material	Brass Alloy, Tin
Termination Features	Wire/Cable Size (AWG)	26 - 18
	Wire/Cable Size (mm²)	.12 – 1.4
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.5 mm [.138 in]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	Without
	Mating Alignment Type	Keyed
	PCB Mount Alignment	Without
	Mating Retention Type	Latch
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Nylon

Dimensions	Accepts Wire Insulation Diameter Range	1.2 – 3.1 mm [.047 – .122 in]
	Width	9.75 mm [.384 in]
	Height	12.8 mm [.504 in]
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	9.6 mm [.378 in]
	Insulation Diameter (Max) (mm)	2.39
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	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
	VDE Tested	No
	Agency/Standard Number	E28476
	UL Rating	Recognized
	CSA File Number	208567
	Agency/Standard	CSA, UL
Packaging Features	Packaging Method	Tray, Tray/Box
	Packaging Quantity	600
Other	Selectively Loaded	No
Product Compliance	Statement of Compliance	

CUSTOMERS ALSO BOUGHT



VIEW ALL PRODUCT COMPLIANCE







Used to identify Mating Parts



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

4P RCPT VAL-U-LOK V0 - 1586019-4

TE INTERNAL NUMBER: 1586019-4

PRODUCT - MATING PRODUCTS

✓ Active

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



See All Mating Products