

RECTANGULAR POWER CONNECTORS











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





PRODUCT DRAWING



3D PDF

Product Drawings

RECEPTACLE HOUSING, VAL-U-LOK(TM)

PDF **English**

CAD Files

Customer View Model

3D_IGS.ZIP

Customer View Model

3D_STP.ZIP English

Customer View Model

2D_DXF.ZIP English 3D PDF

PDF

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.

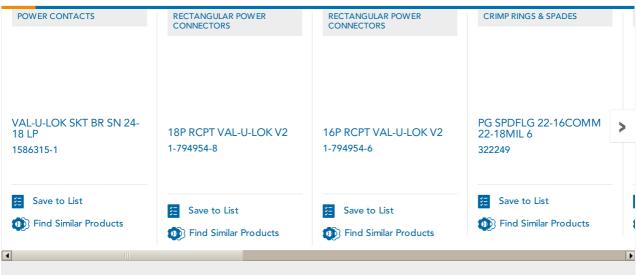
Product Type Features Product Type Housing

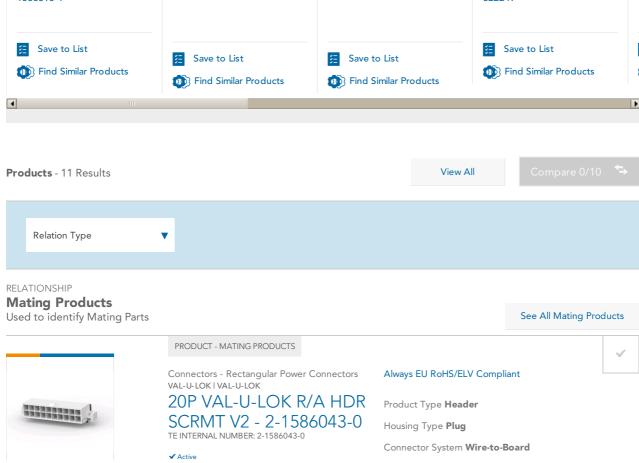
	Housing Type	Receptacle
	Contact Type	Socket
Configuration Features	Number of Positions	20
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	10
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [.165 in]
	Multiple Contact Types	Without
	Contact Layout	Matrix
Electrical Characteristics	Operating Voltage (VAC)	600
Electrical Characteristics	Operating voitage (VAC)	800
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]
		20 11111 [.707 111]
		20[
Usage Conditions	Sealed Condition	Not Sealed
Usage Conditions	Sealed Condition Insertion Force (Newton)	
	Insertion Force (Newton)	Not Sealed
Usage Conditions Operation/Application	Insertion Force (Newton) Connector System	Not Sealed 15 Wire-to-Board, Wire-to-Wire
	Insertion Force (Newton) Connector System Applies To	Not Sealed 15 Wire-to-Board, Wire-to-Wire Wire/Cable
	Insertion Force (Newton) Connector System Applies To Operating Temperature	Not Sealed 15 Wire-to-Board, Wire-to-Wire Wire/Cable -40 – 105 °C [-40 – 221 °F]
	Insertion Force (Newton) Connector System Applies To	Not Sealed 15 Wire-to-Board, Wire-to-Wire Wire/Cable
	Insertion Force (Newton) Connector System Applies To Operating Temperature	Not Sealed 15 Wire-to-Board, Wire-to-Wire Wire/Cable -40 – 105 °C [-40 – 221 °F]
Operation/Application	Insertion Force (Newton) Connector System Applies To Operating Temperature Circuit Application	Not Sealed 15 Wire-to-Board, Wire-to-Wire Wire/Cable -40 – 105 °C [-40 – 221 °F] Signal
Operation/Application Identification Marking	Insertion Force (Newton) Connector System Applies To Operating Temperature Circuit Application Circuit Identification Feature	Not Sealed 15 Wire-to-Board, Wire-to-Wire Wire/Cable -40 - 105 °C [-40 - 221 °F] Signal With
Operation/Application Identification Marking	Insertion Force (Newton) Connector System Applies To Operating Temperature Circuit Application Circuit Identification Feature Glow Wire Rating	Not Sealed 15 Wire-to-Board, Wire-to-Wire Wire/Cable -40 – 105 °C [-40 – 221 °F] Signal With Standard Part - Not Glow Wire

	Agency/Standard VDE Tested Agency/Standard Number	CSA, UL No E28476
Packaging Features	Packaging Method Packaging Quantity	Bag/Box 500
Other	For Use With Selectively Loaded	Printed Circuit Board
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





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 W0/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

