+ **CONNECTORS**

RECTANGULAR POWER CONNECTORS

TE CONNECTIVITY (TE)

8P RCPT VAL-U-LOK V0

VAL-U-LOK | VAL-U-LOK

1586019-8
TE Internal Number: 1586019-8

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	**8**

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

Product Drawings	RECEPTACLE HOUSING, V0, VAL-U-LOK(TM)
	PDF
	English

CAD Files	3D PDF
	PDF
	3D
	Customer View Model
	2D_DXF.ZIP
	English
	Customer View Model
	3D_IGS.ZIP
	English
	Customer View Model
	3D_STP.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

Product Environmental Compliance

TE Material Declaration	MD_1586019-8_0704201374_dmtec
	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	8
	Centerline	4.2 mm [.165 in]
	Number of Signal Positions	8
	Number of Rows	2
	Row-to-Row Spacing	4.2 mm [.165 in]
	Contact Layout	Matrix

Electrical Characteristics	Operating Voltage (VAC)	600

Termination Features	Wire/Cable Type	Discrete Wire

Mechanical Attachment	Assembly Integration Feature	Without

Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon

Dimensions	Length	18 mm [.7087 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 | Selectively Loaded | **No** |

| Product Compliance | Statement of Compliance
PDF |
| | VIEW ALL PRODUCT COMPLIANCE |

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	BOARD-TO-BOARD HEADERS & RECEPTACLES
4P CMNL IDC PLUG 18AWG ORG V2	14P RCPT VAL-U-LOK V0	24P RCPT VAL-U-LOK V0	INSERT MBXL 2 SIGNAL LOCK 4POS
770156-3	1-1586019-4	2-1586019-4	1600902-1
Save to List	Save to List	Save to List	Save to List
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Products - 10 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 l VAL-U-LOK

Always EU RoHS/ELV Compliant

8P VRT HDR VAL-U-LOK

Product Type **Header**

V0 - 1586038-8

TE INTERNAL NUMBER: 1586038-8

✔ Active

Housing Type **Plug**

Connector System **Wire-to-Board**

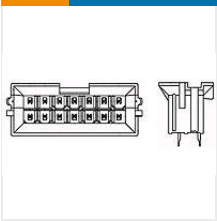Applies To **Printed Circuit Board**

Contact Current Rating **9 A**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

[See All Mating Products]

PRODUCT - MATING PRODUCTS

✓

Connectors - Standard Rectangular
Connectors
VAL-U-LOK | VAL-U-LOK

8P VAL-U-LOK BMI VRT HDR V0 - 1586588-8

TE INTERNAL NUMBER: 1586588-8

✔ Active

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mating Alignment **With**

Mating Alignment Type **Keyed**

Mating Retention **With**

Mating Retention Type **Latch**

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

8P PM PLUG VAL-U-LOK V0 - 1586018-8

TE INTERNAL NUMBER: 1586018-8

✔ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Panel, Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **8**