

RECTANGULAR POWER CONNECTORS

















PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE) 10P VRT HDR VAL-U-LOK V0

VAL-U-LOK | VAL-U-LOK

1-1586038-0

TE Internal Number: 1-1586038-0

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 Customer View Model

2D_DXF.ZIP English

3D PDF

PDF **3D**

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

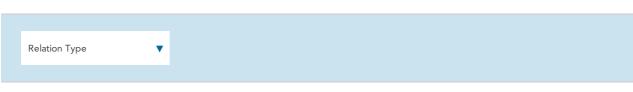
PDF **English**

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 Header

	Housing Type Contact Type Header Type	Plug Pin Shrouded
Configuration Features	Number of Positions Centerline PCB Mounting Orientation Number of Signal Positions Number of Rows Row-to-Row Spacing Contact Layout	10 4.2 mm [.165 in] Vertical 10 2 4.2 mm [.165 in] Inline, Matrix
Electrical Characteristics	Contact Current Rating (A) Operating Voltage (VAC)	9 600
Contact Features	Contact Retention Contact Termination Area Plating Material	With Brass Alloy, Tin
Termination Features	Wire/Cable Size (AWG) Wire/Cable Size (mm²) Termination Method to PC Board Termination Post/Tail Length	26 – 18 .12 – 1.4 Through Hole - Solder 3.5 mm [.138 in]
Mechanical Attachment	Mating Alignment Mating Retention PCB Mount Retention Mating Alignment Type PCB Mount Alignment Mating Retention Type	With Without Keyed Without Latch
Housing Features	UL Flammability Rating Housing Color Housing Material	UL 94V-0 Natural Nylon
Dimensions	Accepts Wire Insulation Diameter Range Width Height	1.2 – 3.1 mm [.047 – .122 in] 9.75 mm [.384 in] 12.8 mm [.504 in]

PCB Thickness (Recommended) 1.6 mm [.063 in] 22.2 mm [.874 in] Length 2.39 Insulation Diameter (Max) (mm) Sealed Condition Not Sealed Usage Conditions Operation/Application Connector System Wire-to-Board **Printed Circuit Board** Applies To Operating Temperature -40 – 105 °C [-40 – 221 °F] Circuit Application Signal With Identification Marking Circuit Identification Feature Standard Part - Not Glow Wire Industry Standards Glow Wire Rating **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 255 Other Selectively Loaded No **Product Compliance** Statement of Compliance VIEW ALL PRODUCT COMPLIANCE **Products** - 2 Results





PRODUCT - MATING PRODUCTS

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

10P RCPT HSG 94V-0 - 1-794657-0

TE INTERNAL NUMBER: 1-794657-0



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Product Type **Housing**

Housing Type Receptacle

Connector System Wire-to-Board

Applies To Printed Circuit Board

Number of Positions 10

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

10P RCPT VAL-U-LOK V0

- 1-1586019-0 TE INTERNAL NUMBER: 1-1586019-0



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