



CONNECTORS

RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)
16P RCPT HSG 94V-0
[VAL-U-LOK](#) | [VAL-U-LOK](#)

1-794657-6
TE Internal Number: 1-794657-6

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Number of Positions **16**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[RECEPTACLE HOUSING,2 TO 24 POSITION, AMP-DUAC\(TM\) POWER CONNECTOR](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

PDF
English

Product Specifications

Product Specification

[AMP DUAC Socket Connector](#)

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Application Specification

[AMP DUAC Socket Connector](#)

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[AMP-DUAC Headers And Connectors](#)

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English

Qualification Test Report

[AMP DUAC Socket Connector](#)

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	16
	Centerline	4.2 mm [.165 in]
	Number of Power Positions	0
	Number of Signal Positions	16
	Number of Rows	2
	Row-to-Row Spacing (mm)	4.2

Electrical Characteristics	Operating Voltage (VAC)	600
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Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	White
	Housing Material	Nylon

Dimensions	Width	18.8 mm [.74 in]
	Height	11.7 mm [.461 in]
	Length	34.9 mm [1.37 in]

Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature (°C)	-55 – 105

Industry Standards	VDE Tested	Yes
	Agency/Standard Number	E28476

Packaging Features	Packaging Method	Package
	Packaging Quantity	1

Product Compliance	Statement of Compliance PDF
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Products - 9 Results

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Relation Type ▼

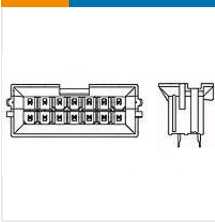
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Standard Rectangular

Connectors

VAL-U-LOK | VAL-U-LOK

16P VAL-U-LOK BMI

VRTHDR V0

- 1-1586587-6

TE INTERNAL NUMBER: 1-1586587-6

✓ 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

16P VRT HDR VAL-U-LOK

V0 - 1-1586038-6

TE INTERNAL NUMBER: 1-1586038-6

✓ 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

16P VAL-U-LOK VRT HDR

W/P V0 - 1-1586040-6

TE INTERNAL NUMBER: 1-1586040-6

✓ 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**



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