



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE) 20P DUAC REC HSG AMP-DUAC | VAL-U-LOK

2-106527-0
TE Internal Number: 2-106527-0

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Board, Wire-to-Wire**

Applies To **Printed Circuit Board**

Number of Positions **20**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

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

CAD Files

[3D PDF](#)
PDF
English

[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 [AMP DUAC Socket Connector](#)
PDF
English

Application Specification [AMP DUAC Socket Connector](#)
TIF
English
[AMP-DUAC Headers And Connectors](#)
PDF
English

Qualification Test Report [AMP DUAC Socket Connector](#)
PDF
English

Product Environmental Compliance

TE Material Declaration [MD_2-106527-0_04162011137](#)
PDF

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 Power Positions	0
	Number of Signal Positions	20
	Number of Rows	2
Electrical Characteristics	Operating Voltage (VAC)	600
Housing Features	UL Flammability Rating	UL 94V-2
	Housing Color	Natural
	Housing Material	Nylon 6/6
Dimensions	Width	11.7 mm [.46 in]
	Height	18.8 mm [.74 in]
	Length	43.3 mm [1.7 in]
Usage Conditions	Sealed Condition	Not Sealed
	Insertion Force (Newton)	4
Operation/Application	Connector System	Wire-to-Board, Wire-to-Wire
	Applies To	Printed Circuit Board
	Operating Temperature (°C)	-55 – 105
Identification Marking	Circuit Identification Feature	With
Industry Standards	VDE Tested	Yes
	Agency/Standard Number	E28476
	Agency/Standard	CSA, UL

Packaging Features

Packaging Method

Package

Packaging Quantity





1500

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>POWER CONTACTS</p>  <p>AMP DUAC PIN 22-18 AWG TIN LP 794577-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>16P VAL-U-LOK VRT HDR W/P V2 1-1586039-6</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>AMP DUAC PIN 22-18 AWG TIN 794576-1</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>DUAC SOCKET CONTACT 106529-2</p> <p>Save to List Find Similar Products</p>
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Products - 11 Results

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Relation Type ▼

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 VRT HDR
W/P V2 - 2-1586039-0**

TE INTERNAL NUMBER: 2-1586039-0

✓ 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**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



PRODUCT - MATING PRODUCTS

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

20P VAL-U-LOK R/A HDR SCRMT V2 - 2-1586043-0

TE INTERNAL NUMBER: 2-1586043-0

✓ 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**



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 PM PLUG VAL-U- LOK V2 - 2-794953-0

TE INTERNAL NUMBER: 2-794953-0

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **20**

