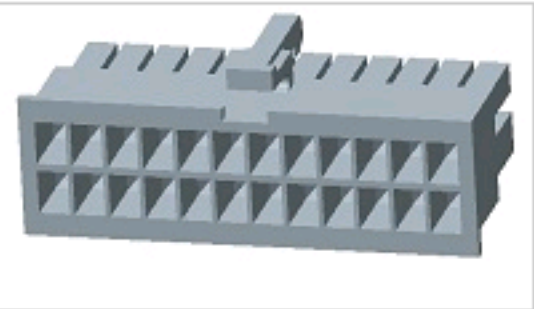


# 2-1969614-0 Product Details

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## VAL-U-LOK Series Connector System

20P RCPT VAL-U-LOK V0

2-1969614-0 

TE Internal Number: 2-1969614-0

 Active

 [View 3D PDF](#)

### Product Highlights [View All](#)

- Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Glow Wire Rating = Standard Part - Not Glow Wire
- Housing

Pricing & Availability

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**Please Note:**  
Use the Product Drawing for all design activity

| Product Type Features |           |
|-----------------------|-----------|
| Product Type          | Connector |
| Connector Type        | Housing   |
| PCB Mount Alignment   | Without   |
| PCB Mount Retention   | Without   |
| CSA File Number       | 208567    |

| Mechanical Attachment |            |
|-----------------------|------------|
| Mating Retention Type | Latch(ing) |

| Electrical Characteristics  |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Operating Voltage Reference | AC  |
| Operating Voltage (VAC)     | 600                                                                                    |

| Dimensions                        |                |
|-----------------------------------|----------------|
| Length (X-Axis) (mm [in])         | 43.20 [1.700]  |
| Width (Z-Axis) (mm [in])          | 19.80 [0.779]  |
| Profile Height (Y-Axis) (mm [in]) | 11.70 [0.4606] |

| Body Features    |      |
|------------------|------|
| Mating Retention | With |

| Contact Features |        |
|------------------|--------|
| Contact Type     | Socket |

| Housing Features      |                     |
|-----------------------|---------------------|
| Connector Style       | Receptacle          |
| Centerline (mm [in])  | 4.20 [0.165]        |
| Mating Alignment      | With                |
| Mating Alignment Type | Polarization Cavity |
| Housing Color         | Natural             |

| Configuration Features |    |
|------------------------|----|
| Number of Positions    | 20 |
| Number of Rows         | 2  |

| Industry Standards                                                                                             |                                                                                               |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| RoHS/ELV Compliance         | RoHS compliant, ELV compliant                                                                 |
| Lead Free Solder Processes  | Not reviewed for lead free solder process                                                     |
| RoHS/ELV Compliance History                                                                                    | Always was RoHS compliant                                                                     |
| UL Flammability Rating                                                                                         | UL 94V-0                                                                                      |
| Agency/Standard                                                                                                | CSA, UL  |
| UL Rating                                                                                                      | Recognized                                                                                    |
| UL File Number                                                                                                 | E28476                                                                                        |

| Environmental                   |                         |
|---------------------------------|-------------------------|
| Operating Temperature (°C [°F]) | -40 – +105 [-40 – +221] |

| Conditions for Usage |                               |
|----------------------|-------------------------------|
| Applies To           | Wire/Cable                    |
| Glow Wire Rating     | Standard Part - Not Glow Wire |

| Operation/Application |              |
|-----------------------|--------------|
| Application Use       | Wire-to-Wire |
| Pick and Place Cover  | Without      |

| Packaging Features |         |
|--------------------|---------|
| Packaging Method   | Bag/Box |

| Other               |                                |
|---------------------|--------------------------------|
| Brand               | TE Connectivity                |
| Node Classification | Rectangular Connector Housings |

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