

# 1-172157-9 Product Details

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## .163" Centerline, 600 V, 9.5 A max.

2CIR MINI U-M-N-L CAP BLCK

**1-172157-9**

TE Internal Number: 1-172157-9

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

- Mini-Universal MATE-N-LOK Product Line
- Wire-to-Panel, Wire-to-Wire
- Applies To Panel, Applies To Wire/Cable
- Connector
- Glow Wire Rating = Standard Part - Not Glow Wire

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

| Product Type Features |                           |
|-----------------------|---------------------------|
| Product Line          | Mini-Universal MATE-N-LOK |
| Product Type          | Connector                 |
| Connector Type        | Housing                   |
| PCB Mount Retention   | Without                   |
| Sealed                | No                        |
| CSA File Number       | LR 7189                   |

| Mechanical Attachment      |                 |
|----------------------------|-----------------|
| Contact Retention          | Without         |
| Mating Retention Type      | Locking Tab     |
| Panel Mount Retention      | With            |
| Panel Mount Retention Type | Mounting Ear(s) |

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

| Dimensions                |                             |
|---------------------------|-----------------------------|
| Panel Thickness (mm [in]) | 0.80 - 2.00 [0.031 - 0.078] |

| Body Features                |  |
|------------------------------|--|
| Used With                    | Mini-Universal MATE-N-LOK Plug Housing |
| Mating Retention             | With                                   |
| Assembly Integration Feature | Without                                |

| Contact Features       |         |
|------------------------|---------|
| Contact Type           | Pin     |
| Contact Layout         | In-Line |
| Shunts/Shorting Bars   | Without |
| Multiple Contact Types | Without |

| Housing Features      |                 |
|-----------------------|-----------------|
| Connector Style       | Receptacle      |
| Housing Material      | Nylon 66/6      |
| Housing Color         | Black           |
| Mating Alignment      | With            |
| Mating Alignment Type | Chamfered Edges |
| Centerline (mm [in])  | 4.14 [0.163]    |

| Configuration Features |         |
|------------------------|---------|
| Number of Rows         | 1       |
| Number of Positions    | 2       |
| Strain Relief          | Without |

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

| Environmental                   |                        |
|---------------------------------|------------------------|
| Operating Temperature (°C [°F]) | -20 - +105 [-4 - +221] |

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

| Operation/Application |                             |
|-----------------------|-----------------------------|
| Application Use       | Wire-to-Panel, Wire-to-Wire |

| Packaging Features |         |
|--------------------|---------|
| Packaging Method   | Bag/Box |
| Packaging Quantity | 500     |

| Other |     |
|-------|-----|
| Brand | AMP |

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