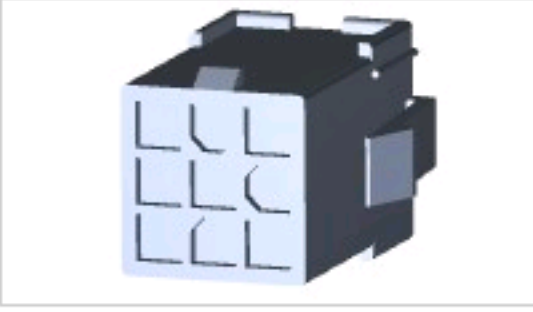




# 1-172161-9 Product Details

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

MINI UNIVERSAL M-N-L CAP 9P

**1-172161-9**

TE Internal Number: 1-172161-9

**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
Row-to-Row Spacing (mm [in])	4.14 [0.163]
Assembly Integration Feature	Without

Contact Features	
Contact Type	Pin
Contact Layout	Matrix
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	3
Number of Positions	9
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	UL, CSA
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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