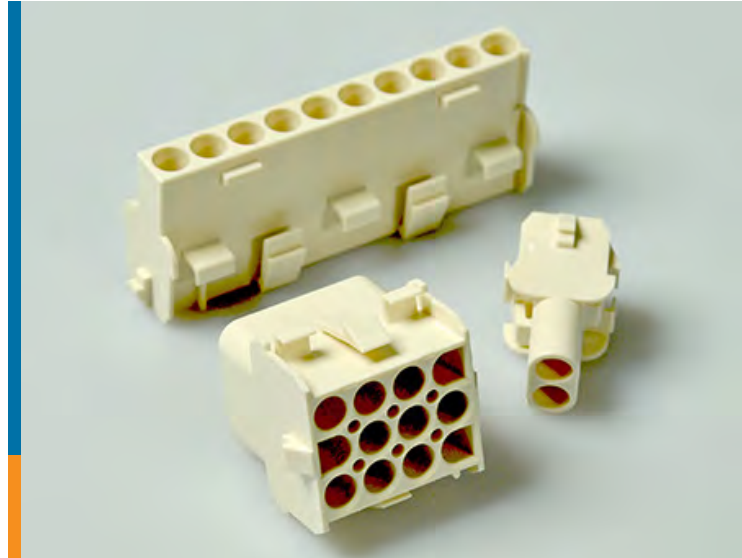


# GLOW WIRE, V-0 UNIVERSAL MATE-N-LOK CONNECTOR HOUSINGS

Meet the requirement of  
IEC 60335-1 and UL V-0  
Wire-to-wire/wire-to-panel types



Universal MATE-N-LOK cap and plug housings are now available in material meeting the Glow Wire test (GWT) requirement according to IEC 60335-1 5th edition (750°C, without flame), as well as the requirements of UL 94 V-0. Based on the well-established 6.35mm (0.25") centerline pitch, these new housings are compatible with standard Universal MATE-N-LOK pins and sockets. Given that they meet both the GWT and V-0 requirements, these housings are targeted for use by manufacturers of appliances and other goods for the European and American markets.

The housings are offered with 2, 3, 4, 5 and 10 positions in a single row configuration. Additionally, there are two row, 6 position models; three row, 9 position models; and four row, 12 position models. All are natural color, PA 66 material. The caps are designed for panel mounting, but can also be used in free-hanging applications.

## PRODUCT OFFERING

Positions	Rows	Cap Housing Meeting GWT and V-0*	Plug Housing Meeting GWT and V-0*
2	1	1-1703062-2	1-1703061-2
3	1	2178474-2	2178473-2
4	1	926305-7	926298-7
5	1	350810-2	350809-3
6	2	2178773-1	1-1644055-2
9	3	927231-7	1-1863003-2
10	1	926309-7	1-1863004-2
12	4	1-1863006-2	1-1863005-2

\*Glow Wire test required by IEC/EN 60335-1 5th edition: Household and Similar Appliances-Safety and UL 94 V-0.

# GLOW WIRE, V-0 CONNECTOR HOUSINGS

## Universal MATE-N-LOK Connectors

### KEY FEATURES

- Familiar locking latch
- Pins and sockets can be intermixed in the same housing
- Positive polarization & rear cavity identification
- For wire-to-wire and wire-to-panel application
- Insulation capability to .200 (5.08) diameter
- Compatible with standard MATE-N-LOK contacts for 30-10 AWG (.05-5.0 mm<sup>2</sup>) wire sizes
- May be upgraded to splash proof (IP57) system by using optional seals and contacts.
- Compliant with Glow Wire test required by IEC/EN 60335-1 5th edition: Household and Similar Appliances-Safety and UL 94 V-0.

### APPLICATIONS

- Household appliances
- HVAC equipment
- Industrial machinery
- Other products requiring compliance to IEC 60335-1 and UL 94 V-0

### SPECIFICATIONS

- Product specification: 108-1031
- Application specification: 114-1010

### ELECTRICAL

- Voltage rating: 600VAC
- Current rating: 19A max.




### MECHANICAL

- Positions: 2, 3, 4, 5 and 10, single row; 6, dual row; 9, three row; 12, four row
- Centerline pitch: 6.35mm (0.25")
- Operating temperature: -55 to 125°C
- Panel thickness: Caps will accommodate .76 - 2.29mm (.03 - .09")

### MATERIAL

- Nylon (PA 66) meeting Glow Wire test (750°C, without flame) required by IEC/EN 60335-1 5th edition and UL 94 V-0.

### STANDARDS

- IEC/EN 60335-1 5th edition: Household and Similar Appliances-Safety
- UL 94 V-0
- UL Recognized, file E28476 
- CSA Certified, file LR7189 
- VDE Approved, certificate 40023469 

FOR MORE DETAILS ABOUT THE UNIVERSAL MATE-N-LOK CONNECTOR SYSTEM  
Visit [www.te.com](http://www.te.com) and enter the search term "Universal MATE-N-LOK"

### TE TECHNICAL SUPPORT CENTER

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