



# UNIVERSAL MATE-N-LOK CONNECTORS WITH TERMINAL POSITION ASSURANCE (TPA)

Universal MATE-N-LOK plug and receptacle housings can now be secured with terminal position assurance (TPA) devices. The TPA devices are an inexpensive way to prevent costly rework by assuring the terminals are fully seated and cannot backout. They are backwards compatible with standard 6.35mm pitch Universal MATE-N-LOK connectors and can therefore be incorporated into existing designs, regardless of wire size and without connector requalification. Universal MATE-N-LOK connectors with TPA feature a UL 94 V-0 flammability rating and are available for 2 to 5 position single row housings.

## ELECTRICAL

- Maximum Current Rating: 19A
- Voltage Rating: 600 VAC

## MECHANICAL

- Pitch: 6.35mm
- Wire Size: 30-18AWG
- Positions: 2-5, Single Row

## STANDARDS & SPECIFICATIONS

- UL 94 V-0
- UL Recognized: File E28476
- CSA Certified: File LR7189
- VDE Approved: Certificate 40023469
- Product Specification: [108-1031](#)
- Application Specification: [114-1010](#)

## KEY BENEFITS

- Terminal position assurance (TPA) devices that are compatible with existing Universal MATE-N-LOK plug and cap housings
- Reduced mis-mating with polarized housing
- Positive locking latch secures connection between plug and cap housing
- Available with both pin and socket style contacts
- TPA and housings available in materials meeting UL 94 V-0 flammability standards

## ADDITIONAL RESOURCES

For more information about the TE Connectivity Universal MATE-N-LOK connector offerings, please refer to these resources:

- [Universal MATE-N-LOK Connectors Product Webpage](#)
- [Glow Wire, V-0 Universal MATE-N-LOK Connectors Quick Reference Guide](#)
- [AMP Soft Shell Pin and Socket Connectors Catalogue](#)

## APPLICATIONS



Household Appliances



Industrial Machinery



HVAC Equipment



Commercial Building Equipment



Lighting

## UNIVERSAL MATE-N-LOK CONNECTORS WITH TERMINAL POSITION ASSURANCE (TPA)

### HOUSINGS

Pos. No.	Plug	Cap	Flammability Rating
2P	<a href="#">350777-1</a>	<a href="#">350778-1</a>	V-0
3P	<a href="#">350766-1</a>	<a href="#">350767-1</a>	V-0
4P	<a href="#">350779-1</a>	<a href="#">350780-1</a>	V-0
5P	<a href="#">350809-1</a>	<a href="#">350810-1</a>	V-0

Housings are also available in multiple colors and meeting UL 94 V2 or IEC 60335-1 glow wire test flammability requirements. To learn more, please refer to the [Product Webpage](#) or contact your sales representative.

### TERMINAL POSITION ASSURANCE (TPA) DEVICES

Pos. No.	Plug	Cap	Flammability Rating
2P	<a href="#">2-2400681-2</a>	<a href="#">2-2400680-2</a>	V-0
3P	<a href="#">2-2400681-3</a>	<a href="#">2-2400680-3</a>	V-0
4P	<a href="#">2-2400681-4</a>	<a href="#">2-2400680-4</a>	V-0
5P	<a href="#">2-2400681-5</a>	<a href="#">2-2400680-5</a>	V-0

### CONTACTS

Wire Size (AWG)	Pin		Socket	
	Strip Form	Loose Piece	Strip Form	Loose Piece
30-26	<a href="#">350924-1</a>	<a href="#">770672-1</a>	<a href="#">350925-1</a>	<a href="#">770673-1</a>
24-18	<a href="#">350561-1</a>	<a href="#">350690-1</a>	<a href="#">350851-1</a>	<a href="#">350689-1</a>
20-14	<a href="#">350218-1</a>	<a href="#">350547-1</a>	<a href="#">350536-1</a>	<a href="#">350550-1</a>
18-14	<a href="#">350873-3</a>	<a href="#">350918-3</a>	<a href="#">350874-3</a>	<a href="#">350919-3</a>
12-10	<a href="#">350922-3</a>	<a href="#">640309-3</a>	<a href="#">350923-3</a>	<a href="#">640310-3</a>

Additional contacts with alternative plating options are available. To learn more, please refer to the [Product Webpage](#) or contact your sales representative.

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