



# MICRO MATE-N-LOK BLIND MATE CONNECTOR

LEAD-IN FUNNEL STRUCTURE FACILITATES  
ERGONOMIC AND EFFICIENT CONNECTION SOLUTION

TE Connectivity's Micro MATE-N-LOK blind mate connector helps improve the efficiency of wire harness assembly by reducing the need for visual checks and simplifying connector alignment. The connectors feature a lead-in funnel structure that provides a large surface area for connector alignment, making it easier for operators, installers and end-users to cycle the connection. This product also has an integrated terminal position assurance (TPA) that can be applied in confined spaces and is easily disengaged using a commercial hand tool. To help to prevent reverse insertion of terminals, housing is designed with error-resistant feature. These connectors are designed for a wide range of applications, including residential and commercial air conditioners, vacuum cleaners, air purifiers and servers.

## ELECTRICAL

- Rated Current: 5A Max
- Rated Voltage: 250V AC

## MECHANICAL

- Centerline (mm): 3
- Number of Positions: 6
- Wire Size: 20 AWG - 30 AWG

## MATERIALS

- Operating Temperature (°C):  
-40 to +105
- Contact: Phosphor Bronze and Brass

## KEY FEATURES

- Lead-in funnel structure provides a large surface area for connector alignment, helping operators, installers and end-users to complete connections from difficult angles with effortless operation
- Side integrated terminal position assurance (TPA) is easily applied and released in confined spaces, helping to seat terminals in the correct position for reliable connections
- Housing with error-resistant feature helps to secure correct insertion of terminal

## ADDITIONAL INFORMATION

- Product Specification: [108-1836](#)
- Application Specification: [114-13000](#)
- [Product Page](#)

## APPLICATIONS



Home Appliances



Heating, Ventilation,  
and Air Conditioning  
(HVAC) Equipment



Data Device  
Equipment

## MICRO MATE-N-LOK BLIND MATE CONNECTOR

---

### PART NUMBER

Pitch	Part Description	Part Number
3	Micro MATE-N-LOK Plug	<a href="#">2425486-1</a>
3	Micro MATE-N-LOK Cap	<a href="#">2425487-1</a>

## Connect With Us

We make it easy to connect with our experts and are ready to provide the support you need. Visit [te.com/support](https://te.com/support) to chat with a Product Information Specialist.

---

### [te.com/micro-mate-n-lok-connectors](https://te.com/micro-mate-n-lok-connectors)

TE Connectivity, TE, TEconnectivity (logo), MATE-N-LOK and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

© 2025 TE Connectivity. All Rights Reserved.

06-25