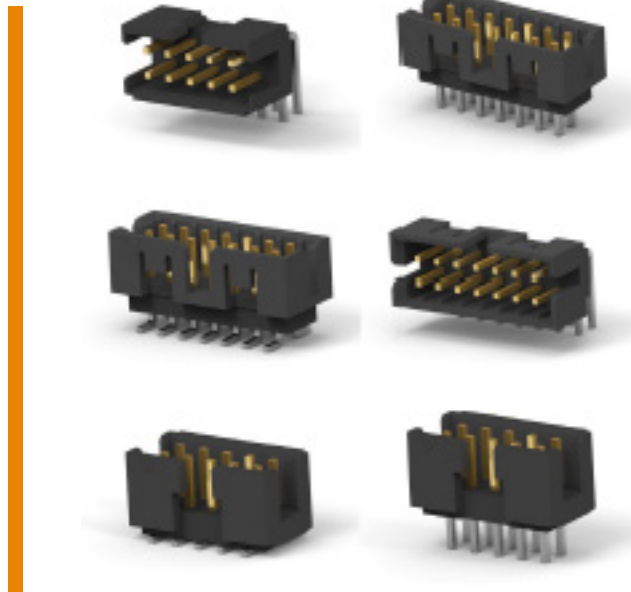


# INTRODUCING AMPMODU 2 mm SHROUDED HEADERS

- Intermateable solution with major brand receptacles
- Polarization feature provides correct mating



TE Connectivity's (TE) AMPMODU 2 mm Shrouded Headers add to our existing portfolio of 2 mm breakaway headers and board-to-board receptacles and can be used in a wide range of applications requiring a reliable signal transfer. Our shrouded headers come in a double row configuration and are available in vertical and right-angle orientations. Options include both through-hole and surface mount terminations. These 2 mm headers occupy 38 percent less space on a PCB than the standard 2.54 mm [0.100"] centerline, allowing customers to build more functionality onto their boards. The housings are molded in a high-temp thermoplastic that is resistant to reflow soldering temperatures. For applications requiring latching, customers can select headers with detent latches. Our headers are available in variants suitable for automated surface mounting, through-hole-reflow (pin-in-paste) and traditional through-hole mounting onto boards, enabling customers to choose from a wide range of options for PCB assembly.

## KEY BENEFITS

- Intermateable solution with major brand receptacles
- Polarization feature provides correct mating
- Detent latches help prevent unmating in vibration environments
- 38% space saving on a PCB board compared to 2.54 mm [0.100"] centerline, allowing for extended functionality
- Efficient and cost effective with automated surface mounting and through-hole-reflow manufacturing

## APPLICATIONS

- PLC
- Servo Drives
- Industrial Control
- Material Handling
- Instrumentation and Test Equipment
- Building and Factory Automation

## ELECTRICAL

- Current Rating: 2 A (max.)
- Dielectric Withstanding Voltage: 650 VAC
- Operating Voltage: 125 VDC

## MATERIAL

- Plating:
  - 30µ" [0.76 µm] Gold
  - 15µ" [0.38 µm] Gold
  - 4µ" [0.1 µm] Gold Flash
  - Tin
- Housing Material: High Temperature Plastic, UL 94V0, Black
- Contact Material: Brass

## MATERIALS

- Operating Temperature:
  - 40 to 105°C for Tin Plated Headers
  - 40 to 125°C for Gold Plated Headers
- Reflow Solder: Capable to 260°C
- Vibration: No electrical discontinuity greater than 1

## STANDARDS & SPECIFICATIONS

- RoHS & REACH Compliant
- UL Recognized
- Product Specification: [108-64040](#)
- Application Specification: [114-32259](#)

## LEARN MORE

[AMPMODU 2 mm Shrouded Headers Product Page](#)  
[AMPMODU 2 mm Shrouded Headers Product Flyer](#)  
[AMPMODU 2 mm Shrouded Headers Parts List](#)  
[AMPMODU 2 mm Shrouded Headers Presentation](#)