

# REFLOW CAPABLE UNIVERSAL MATE-N-LOK CONNECTORS

Designed for customers who intend to streamline manufacturing processes with simple reflow soldering of PCB assemblies.

The reflow capable universal MATE-N-LOK product line builds on a tested solution for wire-to-board applications. The thermoplastic housing is designed to withstand high temperatures associated with reflow soldering. This allows for easy transition to a full reflow assembly process.

Headers are designed with polarization features and a low contact mating force, allowing for easy mating. The standard .250" centerline allows for mating with TE's existing universal MATE-N-LOK wire-to-board connectors.

## Applications

- Appliances
- HVAC Equipment
- Industrial Machinery
- Power Supplies
- Security Systems
- Elevator/Escalator

## Electrical

- 12 A / 600 VAC
- 5000 VAC dielectric withstanding voltage

## Mechanical

- 0.250" [6.35 mm] centerline
- Operating temp -40°C to +105°C

## Specifications

- Product Specifications: [108-1053](#)
- Application Specifications: 114-133093
- UL Certificate Number: 20170407-E28476
- UL Report Reference Number: E28476-19760715

## Materials

- High temperature thermoplastic (UL 94 V-0) black, white
- Copper alloy, tin plated



## Benefits

- High temperature, reflow capable housing allows for transition to reflow PCB assembly
- Polarization and positive locking for error resistant assembly
- Pin and socket style contacts available
- Low contact mating force

## Color

- Black
- Blue (upon request)
- Red (upon request)
- White

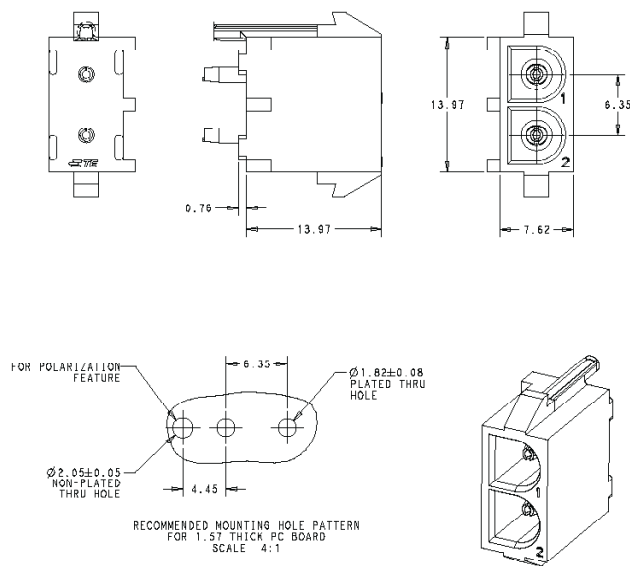
## Product Selection Information

Part Number	Contact Type	Row Configuration	Number of Positions	Color	Mating Plug PN	Contact PN
<a href="#">1-2213752-1</a>	Pin	1x2, vertical	2	Black	350777-1	350874-3
<a href="#">2213753-2</a>	Socket	1x3, vertical	3	White	350766-1	350873-3
<a href="#">1-2213752-3</a>	Pin	1x4, vertical	4	Black	350779-1	350874-3
<a href="#">2213753-4</a>	Socket	1x5, vertical	5	White	350809-1	350873-3
<a href="#">2213752-5</a>	Pin	1x6, vertical	6	White	640581-1	350874-3
<a href="#">2213756-1</a>	Socket	3x2, vertical	6	White	350715-1	350873-3
<a href="#">2213755-2</a>	Pin	3x3, vertical	9	White	350720-1	350874-3
<a href="#">1-2213755-3</a>	Pin	3x4, vertical	12	Black	350735-1	350874-3
<a href="#">2213756-4</a>	Socket	3x5, vertical	15	White	350736-1	350873-3

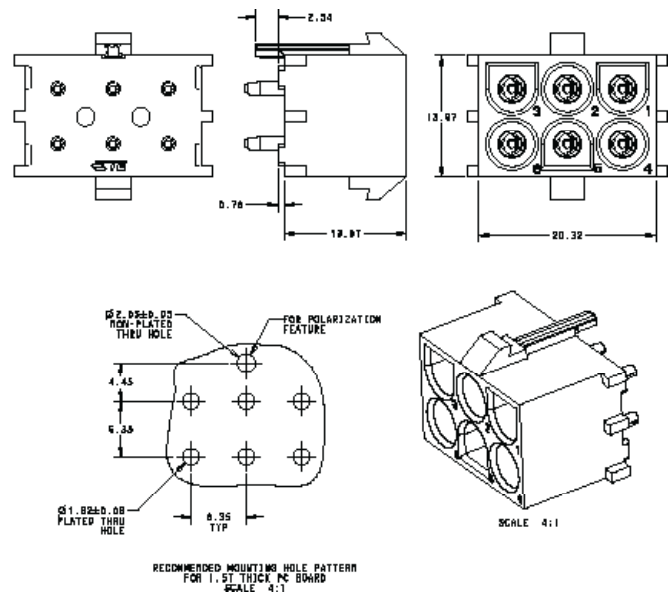
All positions are available in both pin and socket contacts and black/white color.  
Red and blue colors are available upon request.

## Dimensions

### Single Row Header 2213752-1



### Triple Row Header 2213756-1



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1-1773921-6 JN 05/2017

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[1-2213752-3](#)