

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

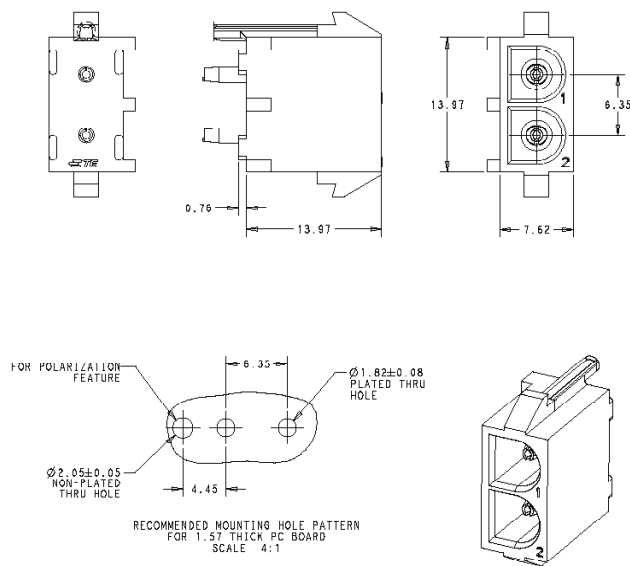
Product Selection Information

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

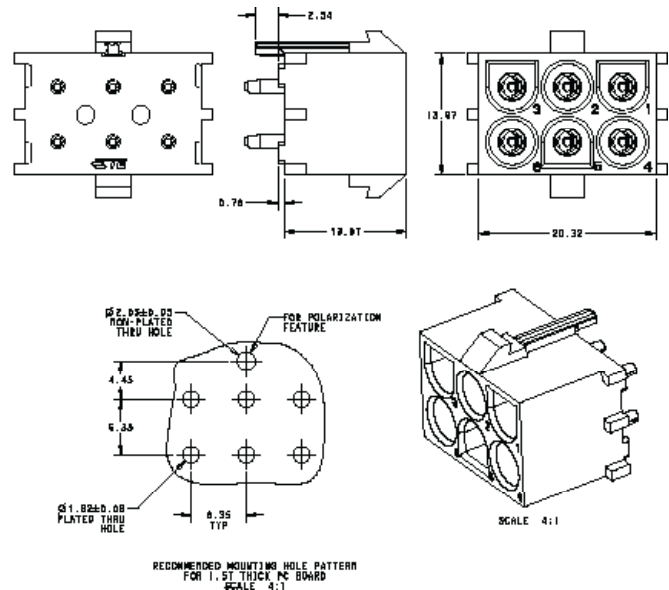
All positions are available in both pin and socket contacts and black/white color.
Red and blue colors are available upon request.

Dimensions

Single Row Header 2213752-1



Triple Row Header 2213756-1



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