



REFLOW CAPABLE UNIVERSAL MATE-N-LOK CONNECTORS

DESIGN FLEXIBILITY FOR STREAMLINED PCB ASSEMBLY PROCESSES

APPLICATIONS

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

ELECTRICAL

- 12A / 600 VAC Max
- 5000 VAC Dielectric Withstanding Voltage

MECHANICAL

- 6.35 mm (0.250") Centerline
- 13.5N (3 lb) Max Initial Mating Force

THERMAL

- Operating Temperature
-40°C to +105°C

MATERIALS

- High Temperature Thermoplastic (UL 94 V-0)
- Copper Alloy, Tin Plated

Reflow capable Universal MATE-N-LOK connectors were developed to help printed circuit board (PCB) manufacturers to adopt reflow soldering assembly processes without sacrificing design flexibility. The thermoplastic housing is engineered to both withstand high reflow soldering temperatures and to mate with standard Universal MATE-N-LOK connectors. This combination of features help for easy transition from traditional PCB assembly to full reflow soldering processes.

These connectors also have additional features to help improve assembly efficiency, including an ergonomic low insertion force (LIF) design, locking for more reliable mating, and polarization features helps to avoid mis-mating.

BENEFITS

- High temperature thermoplastic housing designed to support reflow soldering processes
- Compatible with standard Universal MATE-N-LOK connectors
- Reduced mis-mating with polarized housing
- Ergonomic assembly with low insertion force (LIF) design
- Locking feature reduces risk of terminal back-out
- Pin and socket style contacts available

SPECIFICATIONS

- Product Specification: [108-106568](#)
- Application Specification: [114-133093](#)
- UL Certificate Number: 20170407-E28476
- UL Report Reference Number: E28476-19760715

REFLOW CAPABLE UNIVERSAL MATE-N-LOK CONNECTORS

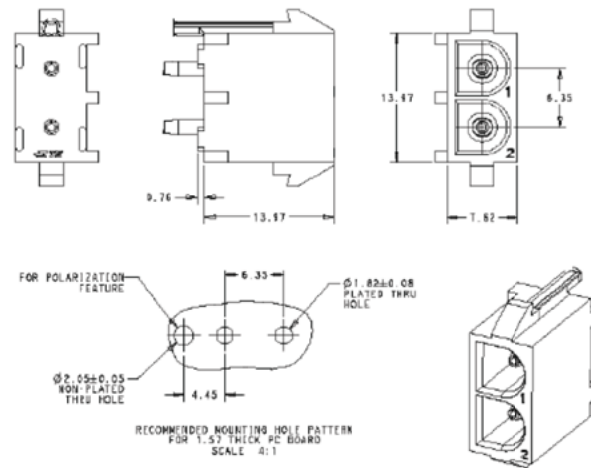
PRODUCT SELECTION INFORMATION

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

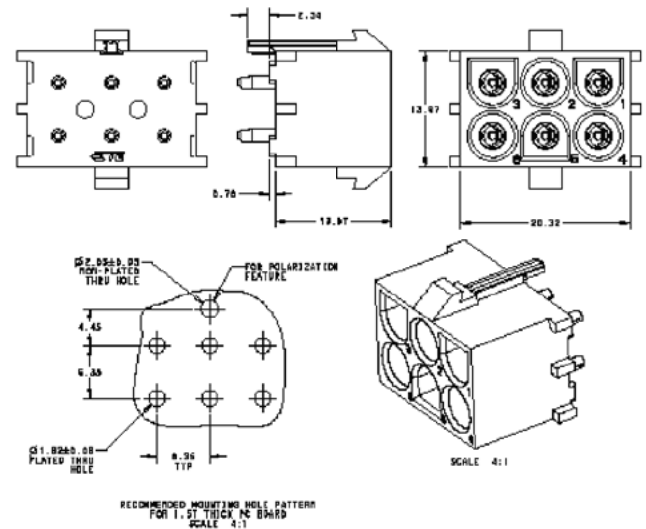
* All positions are available in both pin and socket contacts and black / white color. Red and blue colors are available upon request.

DIMENSIONS

Single Row Header [2213752-1](#)



Triple Row Header [2213756-1](#)



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