



2.13mm (.084") Diameter MLX™ Pin and Socket Ground Block System

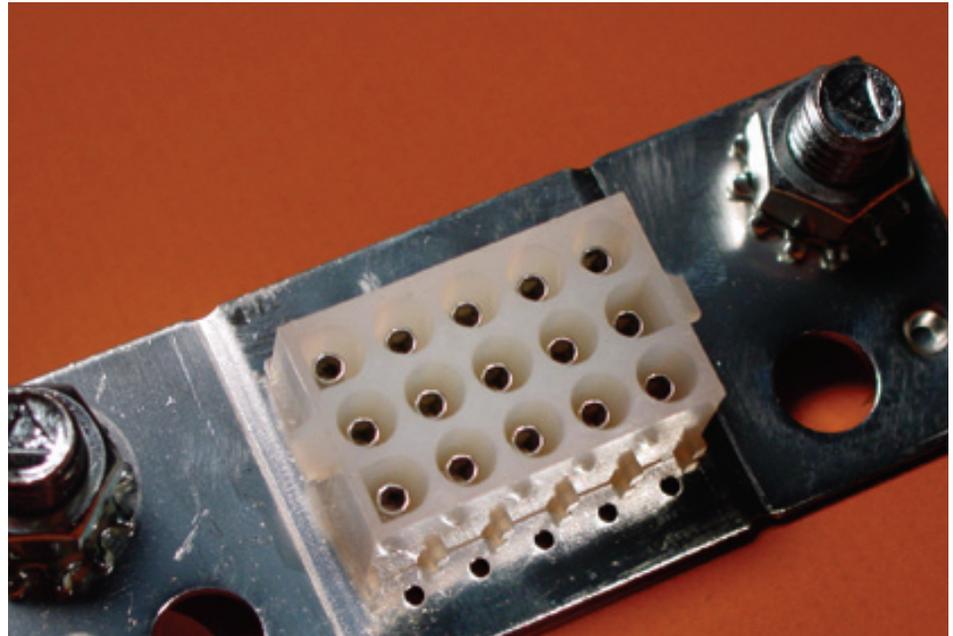
19753

Mass-terminate and easily trouble-shoot multiple electrical ground wires using the industry standard MLX Ground Block System

The new MLX Ground Block System is designed to centralize electrical ground wiring in most recreational vehicles and boats. These non-automotive vehicles have extensive 12V wiring systems which require a central ground point. Until now an easy grounding solution has not existed.

Instead of using multiple ring terminals that are grounded at multiple locations, 12 gauge wires and under-wires are connected using the 15-position MLX Ground Block System. The Ground Block System is also designed to accommodate larger gauge wires by simply using ring terminals with the provided 3/8" studs.

The MLX Ground Block System is designed for use with Molex's MLX Pin and Socket Power Connector System, as well as being a drop-in replacement with competitors' 2.13mm (.084") products.



15-Position Ground Block System

Features and Benefits

- Uses industry standard 2.13mm (.084") connector system which is compatible with Molex's MLX Power Connector System and competitor's 2.13mm (.084") product
- Two, 3/8" studs incorporated to terminate large gauge wires facilitate the grounding of 8 AWG wires and above to a central point
- Tin-plated Copper or Stainless Steel ground bar provides option to select Stainless Steel for use in a more corrosive environment
- Central ground-point for electrical systems allows easy trouble-shooting
- Facilitates off-line harnessing providing efficient manufacturing

SPECIFICATIONS

Reference Information

Packaging: 12 per box, master carton of 48
 Mates With: MLX 2.13mm (.084") Power Connectors
 Series: 42002, 42021, 42022, 43255 with 42023
 Pin and 42024 Sockets
 Designed In: Inches

Electrical

Voltage*: 600V
 Current†:
 On Connector Pin: 13.5A
 On Studs: 40.0A
 Temperature Rise: +30°C max.
 (carrying rated current load)

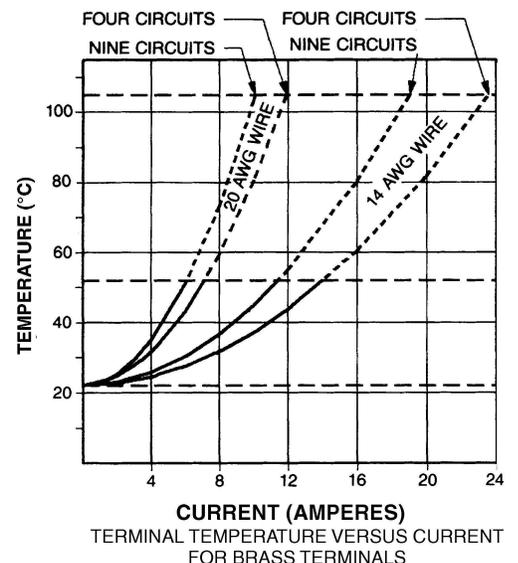
*Per circuit, based on fully loaded housings, using 14 AWG wire
 †Based on socket terminal mated to split pin terminal

Mechanical

Mating Force: 1.5 lbs. (0.7 Kg) per circuit
 Positive Latch Retention Strength:
 35 lbs. (15.9 Kg) min.
 Torque on 3/8" Studs: 25 ft-lb max.

Physical

Housing: UL 94V-2 — 6/6 Nylon
 Contact: Brass
 Plating: Tin



APPLICATIONS



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- Non-Automotive Transportation
 - Recreational vehicles
 - Travel trailers
 - Boats
- Other Markets
 - Anywhere numerous ground-terminations can be utilized



ORDERING INFORMATION

Order No.	Buss Bar Material	Component	Mounting Hole Size
19753-0030	Copper	Plug	3/8"
19753-0031	Copper	Socket	3/8"
19753-0032	Stainless Steel	Plug	3/8"
19753-0033	Stainless Steel	Socket	3/8"
19753-0034	Copper	Plug	#10 Stud
19753-0035	Copper	Socket	#10 Stud
19753-0036	Stainless Steel	Plug	#10 Stud
19753-0037	Stainless Steel	Socket	#10 Stud

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