

CMC[®] OEM Products

Solutions to Support Original Equipment Manufacturers

Continuous Innovation for the OEM Market

For more than 70 years, Connector Manufacturing Company (CMC[®]) has been dedicated to engineering, designing and manufacturing quality products for the OEM industry. Thanks to this long history, CMC[®] has a solid understanding of industry challenges and provides the flexibility and expertise to provide solutions that:

- Improve reliability
- Increase efficiency
- Reduce acquisition and operational costs

Tap our knowledge and you'll benefit from our wide-reaching capabilities, such as:

- Complete in-house engineering and design
- A certified UL third-party test facility equipped to perform UL, ANSI and CSA test requirements
- Customer service that consistently provides knowledgeable answers to our distributors and end-users

As a result, CMC[®] provides competitively priced connector and neutral bar solutions that minimize installation time while ensuring the highest level of quality and safety.

Surpassing Industry Standards

Headquartered in Ohio, CMC[®] is home to one of the industry's most comprehensive third-party testing facilities in the United States. The CMC[®] lab is qualified under the ISO Guide 17025-2008 certification requirements for lab accreditation. We have teams of lab technicians at multiple lab facilities to perform tests that include:

- Electrical (current cycle, fault current, static heat)
- Mechanical (sustained load, pullout, secureness, fatigue)
- Environmental (freeze/thaw, salt spray)
- Metallurgical (grain structure, heat treatment, failure analysis)



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Connectors

At our core, CMC® is a connector manufacturer, offering both mechanical and compression designs. Our products are marketed to utility companies, original equipment manufacturers and commercial/industrial accounts. They are used in a variety of 600V applications that include meter sockets, load centers, LV switchgear, electrical panel boards, circuit breakers, motor controls, inverters and combiner boxes. Our connectors are known industry-wide for:

- Compact design
- Range-taking capability
- Reliability
- Relatively easy installation
- Certification with Underwriters Laboratories and the Canadian Standards Association requirements for listing



These factors—together with our dedication to the highest quality ISO certified standards available and an unsurpassed service level—deliver maximum reliability. CMC® is also involved in the standard development process with UL, CSA, ANSI, CANENA, NFPA, ESFI and NEMA Committees—this is designed to ensure that CMC products safely meet the challenges and requirements out in the field.

Our OEM Product Lines Include:

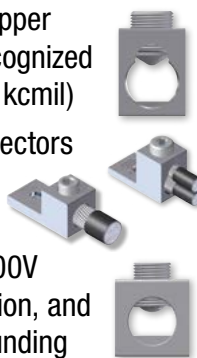
Box-Style Lugs

- Aluminum & copper designs (UL recognized from #12-1000 kcmil)
- Tin plated aluminum connectors are dual rated for CU & AL
- Designed for 600V power termination, and equipment grounding and bonding
- Multiple designs: square, rectangular, anti-rotational and multi-conductor



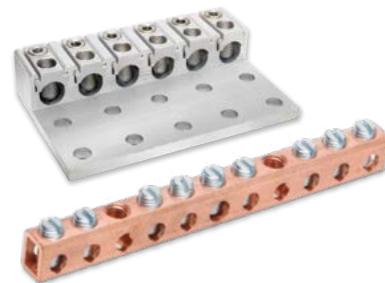
Mechanical L-Shaped Lugs

- Aluminum & copper designs (UL recognized from #12-1000 kcmil)
- Tin plated connectors are dual rated for CU & AL
- Designed for 600V power termination, and equipment grounding and bonding
- Patented I-Beam design with heat dissipation ridges on tongues
- Anti-rotational options in single & multiple conductor designs
- “Keyhole” multi-conductor options in single- and multi-conductor configurations



Neutral/Ground Bars

- Aluminum & copper designs (UL recognized from #12-300 kcmil)
- Tin plated connectors are dual rated for CU & AL
- Copper bars are for copper only
- Ground bars connect directly to metallic panel
- Neutral bars must maintain at least 1/2” clearance off metallic surface (usually mounted on a base)



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