



AS9100D • Nadcap AC7121 • ISO 9001:2015 • ITAR

Build to Print Cable Assemblies, DC-67 GHz: Over-Molded, Machine-Braided, Multi-Pin, Filtered, Semi-Rigid & Flexible • **Billerica MA Cable Assembly Plant:** IPC J-STD Space Addendums Certified Problem Cable or Flex-Circuit Assembly Re-Design Solution Specialists • Box-Build Sub-Assemblies

Mission-Critical Connectors, DC-67 GHz, and their Integration into Custom Assemblies • Mil-Aero Micro-D (M83513), Nano (M32139), Micro-D Power Combo, Micro or Nano Strip, RF & Digital-Coax Cable, Flex, PCB, Pre-Wired / Potted, Crimp & Solder-Cup Termination • **TRM Assembly Solutions Filtered** • Enhanced EMI Performance Micro-D • **Twist Capsules:** a Slip-Ring Design Alternative

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Fiber-Optic and Electro-Optic Connectors, Assemblies & Back-Shells • Mil-Aero/Harsh Environment

Build to Print Assemblies: M28876, D38999, M83526/TFOCA • Reel or Rotary Joint Sub-Assemblies Connector Design and Manufacturing Expertise Enhances their Build to Print Harness Capabilities

Termini: Expanded Beam, Physical Contact • **Coupling Type:** Threaded, Reverse-Bayonet, Push-Pull

Connectors: Industry-Standard: *QFoca*[™] (TFoca Intermatable, Designed to M83526/16, /17)

QPC Proprietary: *Q38*[™] (Hi-Density D38999), *QLink*[™] (Scalable, Electro-Optic, Hermaphroditic) and **Custom Engineered Solutions** • Circular or D Shells with MT Ferules • Stainless Steel "M28876"

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AC-DC and DC-DC Power Supplies: Standard and Custom Solutions • Custom EMI Power Filters

Mil-Rugged COTS • **Modular and Configurable Plug' n Play Power Architectures** • Over 500 NSN's

Build to Print Power Supplies • Form, Fit & Function Obsolescence Solutions • PDU's, TRU's, VME

1-20 Outputs • 2-300VDC • to 15KW • Active PFC • Single Phase, 3 Phase & DC Inputs • -55/+85°C

EMI: M461 • **Surge-Transients:** M704, M1399, DO-160 • **Environ, Shock, Vibe:** M810, M901, M167

AS9100D • NADCAP QML for Heat-Treating • ISO 9001:2015 • RoHS • ITAR



PCB-Level EMI Shielding • **EMI Enclosure Gasketing:** BeCu Finger-Stock and Metalized Foam Types

Prototyping Kits: **EZ-Matrixx**[™], *Hand-Formable Substrate* and **Groove-Loc**[™], *Fence and Snap-Lock Cover*

Custom Battery Contacts • Ground/Contact Rings, Springs, Strips, Clips & Metal Connector Gaskets

Custom Parts: Photo-Etched .0007- .032"; Metal-Stamped .002- .075" • **"Etched & Formed Parts"**

Etching, Forming, Heat-Treating & Plating (All Done In-House) • Bus Bars • Reel to Reel Plating

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as well as information on future events and tradeshow where we will be exhibiting our train display