MKJ Clip Lock (MKJ CL) Miniature Circular Connector


The Challenge
Today’s commercial aerospace manufacturers are increasingly challenged to meet the ongoing demand for lighter, high reliability interconnect solutions that support a wide range of modernized Avionics and Cabin System applications. From high speed data and signal transfer for IFE/C, to glass cockpit functionality and aircraft environmental lighting, there is an increasing need for small, lightweight and competitively priced electrical connectors that deliver the highest level of performance, no matter the conditions or environment.

The Solution
ITT Cannon’s new MKJ Clip Lock (MKJ CL) miniature circular connector offers an ideal solution for today’s connectivity needs. Our smaller, lighter MKJ CL interconnect features an innovative clip lock latching system that we repurposed from a design originally used for the automotive industry. By eliminating higher cost components, we transformed it into a mil-style connector with a proven snap on positive lock dimension that is both robust and competitively priced.

The CANNON Difference
• Smaller, lighter design packages and configurations
• Committed partner for off-the-shelf or custom interconnect solutions
• High performance and reliability in the harshest environments

Key Product Features
• Easy-to-use and install with quick connect clip lock feature
• Multiple keying options prevent mismating with 6 clocking positions
• Available with 4, 6, 7, 10 & 19 high density size 23 or 4 size 16 machined contacts
• Fully machined aluminum shells
• Field repairable

Markets & Applications

COMMERCIAL AEROSPACE
AVIONICS & CABIN SYSTEMS

MILITARY
SOLDIER-WORN COMMUNICATIONS
MISSILE SYSTEMS & MUNITIONS

INDUSTRIAL
FACTORY AUTOMATION & ELECTRONIC DISPLAYS

MEDICAL
DIAGNOSTIC & MONITORING EQUIPMENT
Why ITT

ITT is a focused, multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions. ITT Cannon is a leading global manufacturer of connector products serving international customers in the aerospace and defense, industrial and medical end markets. We design and engineer a variety of interconnect solutions that make it possible to transfer data, signal and power in an increasingly connected world.

Connect with your ITT Cannon representative today or visit www.ittcannon.com