The MKJ family of mini-circular connectors provides similar electrical and mechanical characteristics as larger and heavier Military Standard Environmental connectors, but in a smaller form factor. Bringing together a unique combination of design, functionality and flexibility, Cannon’s MKJ Connectors excel in delivering proven and reliable solutions that perform even in the harshest environments.

Cannon MKJ Connectors are offered in a variety of coupling methods—UNC thread, double start, triple start, bayonet and breakaway—in a highly engineered design. The MKJ Series comes with rear accessory threads or integral band platform for direct attachment of cable shield and overmold.

MKJ’s versatility, performance and reliability enable unparalleled functionality for multiple applications and markets.

Why ITT

ITT is a focused, multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions.

ITT Interconnect Solutions’ Cannon brand is a leading global manufacturer of connector products serving international customers in the aerospace and defense, medical, energy, transportation and industrial end markets. ITT’s Interconnect Solutions business manufactures and supplies a variety of connectors and interconnects that make it possible to transfer data, signal and power in an increasingly connected world, including its VEAM and BIW Connector Systems brands.

Markets & Applications

- Soldier-Worn Technology & Connectivity
- Military Aircraft, UAVs, Surveillance & Missile Systems
- Medical Testing & Diagnostics
- Industrial & Heavy Equipment

*When compared to the 38999 layouts with size 22 contacts.
How to Order Guide

Configurator

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**How to Order Guide**

**Series**
MKJ0 - Threaded Coupling, U/N Thread
MKJ1 - Threaded Coupling, Double Start ACME Thread
MKJ3 - Bayonet Coupling

**Class**
A - Normal
B - Clocking Position B
C - Clocking Position C
D - Clocking Position D
E - Clocking Position E
F - Clocking Position F
G - Normal

**Material/Plating**
K - Stainless Steel/Passivated
L - Stainless Steel/Electroless Nickel
S - Stainless Steel/Passivated
T - Stainless Steel/Electroless Nickel

**Shell Size & Contact Arrangement**

**Contact Style**
P - Pin, Crimp, Removable (For Class A & B only)
S - Socket, Crimp, Removable (For Class A & B only)
A - Pin, PC Tail, 0.62 Extension (For Class C through G only)
B - Pin, PC Tail, 0.10 Extension (For Class C through G only)
C - Socket, PC Tail, 0.62 Extension (For Class C through G only)
D - Socket, PC Tail, 0.10 Extension (For Class C through G only)
E - Pin, Solder Cup (For Class C through G only)
F - Socket, Solder Cup (For Class C through G only)

**Shell Clocking (Position)**
MKJ0 Series
N - Normal

MKJ1 Series
A - Normal
B - Clocking Position B
C - Clocking Position C
D - Clocking Position D
E - Clocking Position E
F - Clocking Position F

MKJ3 Series
N - Normal
X - Clocking Position X
Y - Clocking Position Y
Z - Clocking Position Z

**Modifications**
10 - Less Contacts (“T” not stamped on the connector, but must be included on the PO.)

**Capacitance Codes (pF)**
A - 19,000 - 28,000
B - 16,000 - 22,500
C - 9,000 - 16,500

**OE - Opto Emitter**

**Consult factory for other modification codes**

**Connect with your ITT Interconnect Solutions representative today or visit us at www.ittcannon.com**