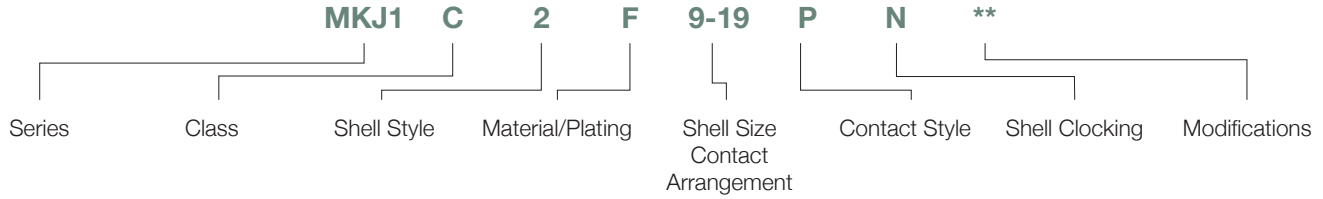


ITT CANNON MKJ CONNECTORS

**EXPLANATION****SERIES**

- MKJ0 - Threaded Coupling, UN Thread
- MKJ1 - Threaded Coupling, Double Start ACME Thread
- MKJ3 - Bayonet Coupling
- MKJ4 - Breakaway/Quick Disconnect
- MKJ5 - Threaded Coupling, Triple Start ACME Thread

CLASS

- A - Environmental Plug & Receptacle with Banding/ Overmolding Attachment
- B - Environmental Plug & Receptacle with Threaded Accessory Attachment
- C - Back-Potted Plug/Receptacle - PC/Flex/Solder
- D - C Filtered Receptacle - Fixed Contacts
- E - L Filtered Receptacle - Fixed Contacts
- F - Pi Filtered Receptacle - Fixed Contacts
- G - Space
- H - Hermetically Sealed Receptacle - Fixed Contacts

SHELL STYLE

- 1 - In-Line Receptacle
- 2 - Box Mount Receptacle (Square Flange)
- 3 - Receptacle, Round, Solder Mount
- 4 - Box Mount Plug (Flange)
- 6 - Straight Plug
- 7 - Jam Nut Receptacle - Rear Panel Mount
- 8 - Jam Nut Receptacle - Front Panel Mount (MKJ4 series only)
- 9 - Jam Nut Plug - Rear Panel Mount (MKJ4 series only)
- 10 - Jam Nut Plug - Front Panel Mount (MKJ4 series only)
- 16 - Straight Plug with Self-Locking Coupling Nut (MKJ0 series only)
- 26 - Straight Plug with Self-Ratchet Coupling Nut (MKJ1 series only)

MATERIAL/PLATING

- C - Aluminum/Anodize, Black
- F - Aluminum/Electroless Nickel
- K - Stainless Steel/Passivated
- T - Aluminum/Teflon Nickel
- W - Aluminum/OD Cad
- Y - Stainless Steel/Electroless Nickel, Black
- Z - Aluminum/Zinc Nickel, Black
- N - Stainless Steel/Electroless Nickel

SHELL SIZE & CONTACT ARRANGEMENT

- 5-3 - Size 3/23 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 6-1 - Size 1/16 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 6-4 - Size 4/23 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 6-7 - Size 7/23 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 7-1 - Size 1/12 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 7-10 - Size 10/23 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 8-1 - Size 1/16 Contacts Series MKJ5
- 8-4 - Size 4/23 Contacts Series MKJ5
- 8-7 - Size 7/23 Contacts Series MKJ5
- 8-13 - Size 13/23 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 9-1 - Size 1/12 Contacts Series MKJ5
- 9-4 - Size 4/16 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 9-10 - Size 10/23 Contacts Series MKJ5
- 9-19 - Size 19/23 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4

SHELL SIZE & CONTACT ARRANGEMENT (CONT.)

- 10-13 - Size 13/23 Contact Series MKJ5
- 10-26 - Size 26/23 Contacts Series MKJ0, MKJ1, MKJ3, MKJ4
- 11-4 - Size 4/16 Contacts Series MKJ5
- 11-19 - Size 19/23 Contacts Series MKJ5
- 12-2 - Size 2/12 Contacts Series MKJ0, MKJ3, MKJ4
- 12-26 - Size 26/23 Contacts Series MKJ5
- 12-37 - Size 37/23 Contacts Series MKJ0, MKJ3, MKJ4
- 13-2 - Size 2/12 Contacts Series MKJ1
- 13-37 - Size 37/23 Contacts Series MKJ1
- 14-55 - Size 55/23 Contacts Series MKJ0, MKJ3, MKJ4
- 15-2 - Size 2/12 Contacts Series MKJ5
- 15-37 - Size 37/23 Contacts Series MKJ5
- 15-55 - Size 55/23 Contacts Series MKJ0, MKJ3, MKJ4
- 16-55 - Size 55/23 Contacts Series MKJ1
- 17-85 - Size 85/23 Contacts Series MKJ1
- 18-55 - Size 55/23 Contacts Series MKJ5
- 19-85 - Size 85/23 Contacts Series MKJ5

CONTACT STYLE

- P - Pin, Crimp, Removable (For Class A & B only)
- S - Socket, Crimp, Removable (For Class A & B only)
- A - Pin, PC Tail, .062 Extension (For Class C through G only)
- B - Pin, PC Tail, .109 Extension (For Class C through G only)
- C - Socket, PC Tail, .062 Extension (For Class C through G only)
- D - Socket, PC Tail, .109 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 | MKJ4 Series |
| N - Normal | Omit for Single Key/Keyway |
| X - Clocking Position X | A - Normal 150° - 210° |
| Y - Clocking Position Y | B - Clocking Position B 75° - 210° |
| Z - Clocking Position Z | C - Clocking Position C 95° - 230° |
| | D - Clocking Position D 140° - 275° |
| MKJ1 Series | MKJ5 Series |
| A - Normal 150° - 210° | A - Normal 150° - 210° |
| B - Clocking Position B 75° - 210° | B - Clocking Position B 75° - 210° |
| C - Clocking Position C 95° - 230° | C - Clocking Position C 95° - 230° |
| D - Clocking Position D 140° - 275° | D - Clocking Position D 140° - 275° |
| E - Clocking Position E 75° - 275° | |
| F - Clocking Position F 95° - 210° | |
| MKJ3 Series | |
| N - Normal 150° - 210° | |
| X - Clocking Position X 75° - 210° | |
| Y - Clocking Position Y 95° - 230° | |
| Z - Clocking Position Z 140° - 275° | |

MODIFICATION CODE

- F0 - Less Contacts ("F0" not stamped on the connector, but must be included on the P.O.)
 - 518 - Class "C" PC style back potted receptacle connectors with water immersion testing.
- | | |
|--|-------------------|
| Capacitance Codes (pF) - A - 19,000 - 28,000 | D - 4,000 - 6,000 |
| B - 16,000 - 22,500 | E - 1,650 - 2,500 |
| C - 9,000 - 16,500 | F - 400 - 650 |
| | G - 200 - 300 |

Contact us for other modification codes