

The M83723/CVA, MIL-DTL-83723, Series II (USAF) is the high reliability version of the MIL-C-5015 type connectors. They are intermateable/intermountable with all existing MIL-C-5015 connectors with corresponding size and contact arrangements. High quality manufacturing processes and materials combine to insure the optimum performance and reliability under an extreme range of environmental conditions. Fluid resistant elastomers provide maximum protection against degrading fuels, oils, coolants and cleansers.

#### Applications:

- Aerospace
- Commercial
- Industrial
- Military



 For more information: [www.ittcannon.com/cat119](http://www.ittcannon.com/cat119)

#### Product Features

- Simple, strong contact design.
- Interfacial pin insert seal.
- Closed-entry socket insert.
- Simplified assembly operations.
- Contact insertion/extraction with expendable tool.

#### Performance Specifications

Contact Size	16, 12, 8, 4, 0
Contact Termination	Crimp
Coupling	Threaded
Number of Circuits	Up to 48
Operating Temperature	-55°C to 200°C (-67°F to 392°F)
Polarization	Key/Keyway
Shell Style	Plug, 90° Plug, Straight Receptacle, Box Mount Receptacle, Cable Connecting Receptacle, Wall Mount
Service Class	R – Conductive Finish
Size or Length	17 sizes
Wire Size	#20 AWG to #0 AWG

#### Materials and Finishes

Description	Material	Finish
Shell	Aluminum Alloy	Conductive (Electroless Nickel)
Insulator/Grommet	Rigid Dielectric/Silicone Elastomers	—
Contact	Copper Alloy	Gold over Nickel (Size 16 only) or Silver (Sizes 12, 8, 4, 0 only)

 Please contact your local Cannon representative: [www.ittcannon.com/support/ContactUs](http://www.ittcannon.com/support/ContactUs)