

MDMH microminiature hermetic connectors feature compression glass sealed contacts into a steel shell with a high grade plastic "front end" insulator. An interfacial seal provides environmental protection when mated. MDMH receptacles are soldered to a chassis or container providing a completely leak-proof unit.

Applications:

- Commercial Aircraft
- Industrial
- Military



 For more information: www.ittcannon.com/cat082

Product Features

- Lightweight, rugged microminiature connectors.
- Meets the requirements of MIL-PRF-83513.
- Contacts on 1,27 (.050) centers, providing significant space and weight savings.
- Socket contacts.

Performance Specifications

Air Leakage Rate	1 micron ft ³ /hr max. (1.04 x 10 ⁻⁵ cm ³ /s) at one atmosphere pressure differential*
Contact Size	24
Contact Spacing	1,27 (.050) centers
Contact Termination	Solder Cup; PC Tail
Coupling	Friction/jacks
DWV	150 V ac
Insulation Resistance	5,000 MΩ min.
Number of Circuits	Up to 100 (9, 15, 21, 25, 31, 37, 51, 100)
Polarization	Keystone shape of shell
Service Class	Hermetically sealed
Shell Style	Receptacle, solder mounted
Size or Length	8 sizes
Wire Size	#30 AWG to #26 AWG

Materials and Finishes

Description	Material	Finish
Shell	Mild Steel	Tin-Lead
Insulator	Glass-filled Diallyl Phthalate per MIL-M-14. Type SDGF, or Polyester per MIL-M-24519	—
Contact	Copper Alloy	Tin-Lead or Gold
Hermetic Seal	Compression Glass	—

 Please contact your local Cannon representative: www.ittcannon.com/support/ContactUs

* Receptacles with a maximum air leakage rate of .01 micron cubic foot per hour are also available.