











Cannon Microminiature Product Overview Guide

	MDM	MDM PCB	MDM C/P	MDMH Hermetics	TMDM Filter	MD**	MDB Coaxial	MJS	MIK	MIKM
										
Type	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket
Current Rating	3A max.	3A max.	3A max.	3A max.	3A max.	3A max.	3A max.	3A max.	3A max.	3A max.
Contact Resistance	8 milliohms max.	8 milliohms max.	8 milliohms max.	24 milliohms max.	15 milliohms max.	8 milliohms max.	8 milliohms max. (signal)	8 milliohms max.	8 milliohms max.	8 milliohms max.
Contact Material	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	gold plated copper and steel	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy
Shell	Metal	Metal	Metal	Metal	Metal	Plastic	Plastic	Plastic	Plastic	Metal
Shell Material	Aluminum	Aluminum	Aluminum	Steel	Aluminum	Thermoplastic & Thermoset	Thermoset	Thermoplastic & Thermoset	Thermoplastic	Steel
Available Layouts	9, 15, 21, 25, 31, 37, 51 & 100	9, 15, 21, 25, 31, 37, 51 & 100	7C/P2, 24C/P4, 27C/P5 & 10C/P10	9, 15, 21, 25, 31, 37 & 51	9, 15, 21, 25, 31, 37 & 51	9, 15, 21, 25, 31, 37 & 51	7C/P2	10, 26, 51 & 66 - Rect/unshrouded 16, 28 & 35 - Rect/shrouded 26, 38, 42 & 76 - Polarized D	7 & 55	7, 55 & 85
Configuration	Polarized D	Polarized D	Polarized D	Polarized D	Polarized D	Polarized D	Polarized D	Rectangular & Polarized D	Circular	Circular
RoHS	Available	Available	Available	Available	No	Available	Available	Available	Available	Available
Factory Terminated	Yes*	Yes	Yes	Yes*	Yes	Yes*	Yes	Yes*	Yes	Yes
Space Applications	Available	Available	Available	Yes	Yes	Available	Available	Available	Yes	Yes
Page Number	7	18	22	23	25	28	32	39	44	44

	MIKQ	MT*	MEB	2D	CDL	CTA*	NDM	NTP	NJS
									
Type	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket	Plug and Socket
Current Rating	3A max.	3A max.	3A max.	5A max.	5A max.	5A max.	1A max.	1A max.	1A max.
Contact Resistance	8 milliohms max.	8 milliohms max.	8 milliohms max.	9 milliohms max.	9 milliohms max.	9 milliohms max.	60 milliohms max.	60 milliohms max.	60 milliohms max.
Contact Material	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	gold plated copper alloy	precious metal alloy & gold plated copper alloy	precious metal alloy & gold plated copper alloy	precious metal alloy & gold plated copper alloy
Shell	Metal	Plastic	Plastic	Plastic	Plastic	Plastic	Metal	Plastic	Plastic
Shell Material	Steel	Thermoplastic	Thermoset	Thermoplastic	Thermoplastic	Thermoplastic	Thermoset	Thermoset	Thermoplastic
Available Layouts	7, 19 & 37	MTV - 1 thru 120 MTB - 1 thru 80	64, 128, 92 & 184	19, 31, 52, 79 & 100	139	CTA3 - 1 thru 53 CTA4 - 1 thru 60	9, 15, 21, 25, 31 & 37	1 thru 40	Rectangular - 9, 24 & 44 Circular - 27, 72 & 246
Configuration	Circular	Strip	Polarized D	Polarized D	Polarized D	Strip	Polarized D	Strip	Rectangular & Circular
RoHS	Available	Available	Available	Available	Yes	Yes	Yes	Yes	Yes
Factory Terminated	Yes	Yes*	Yes*	No	No	No	Yes	Yes	Yes
Space Applications	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Page Number	44	48	54	59	65	66	72	71	73

* Solderpot versions available for end user termination

Dimensions shown in inch (mm)
Specifications and dimensions subject to change

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