

COM-MW TECHNOLOGY Passband F CH1139.5~140.5MHz, Passband F CH2139~141MHz, Passband F CH3137.5~142.5MHz, Passband F CH4135~145MHz, Passband F CH5130~150MHz, Passband F CH6120~160MHz, DC-127.5MHz $\geq$ 50dB, 152.5-400MHz $\geq$ 50dB,

Main specifications

Configuration(mm)

Pin

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F CH1	/	/	139.5	~	140.5	MHz
Passband F CH2	/	/	139	~	141	MHz
Passband F CH3	/	/	137.5	~	142.5	MHz
Passband F CH4	/	/	135	~	145	MHz
Passband F CH5	/	/	130	~	150	MHz
Passband F CH6	/	/	120	~	160	MHz
Passband IL CH1, CH2	/	/			8	dB
Passband IL CH3	/	/			6	dB
Passband IL CH4	/	/			4	dB
Passband IL CH5	/	/			3	dB
Passband IL CH6	/	/			2.5	dB
Ripple	/	/			1	dB
Rejection CH1	DC-127.5	MHz $\geq$	50			dB
Rejection CH1	152.5-400	MHz $\geq$	50			dB
Rejection CH2	DC-127	MHz $\geq$	50			dB
Rejection CH2	153-400	MHz $\geq$	50			dB
Rejection CH3	DC-122.5	MHz $\geq$	50			dB
Rejection CH3	157.5-400	MHz $\geq$	50			dB
Rejection CH4	DC-117.5	MHz $\geq$	50			dB

Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
2	If the temperature is higher than 125°C, consult with us before ordering.

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

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Parameters	Frequency	/	Min	Typical	Max	Units
Rejection CH4	162.5-400	MHz $\geq$	50			dB
Rejection CH5	DC-108	MHz $\geq$	50			dB
Rejection CH5	172-400	MHz $\geq$	50			dB
Rejection CH6	DC-92	MHz $\geq$	50			dB
Rejection CH6	188-400	MHz $\geq$	50			dB
Passband VSWR	/	/			1.5	
Return loss	/	/				dB

Other parameters

Connector	Pin 0.38mm
Impedance	50 Ω
Surface	silver-plate
Power Capacity	2W Design assurance
Product shell material	Aluminium
Operation Temp.	-45~+75°C Design assurance
Storage Temp.	-55~+85°C Design assurance

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