

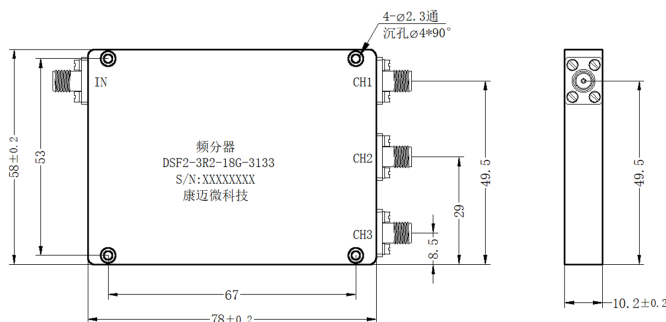
Main specifications

Parameters	Frequency		Min	Typical	Max	Units
Passband F1			8.3	~	17.7	GHz
Passband F2			4.2	~	7.8	GHz
Passband F3			2.1	~	3.8	GHz
I/O VSWR				1.8	2.2	
Frequency offset at the intersection of passband 1 and passband 2	8000±100					MHz
Frequency offset at the intersection of passband 2 and passband 3	4000±100					MHz
Intersection loss	8000±100&4000±100	MHz≥			6	dB
Frequency 1 IL	8.3-9.3&16.7-17.7	GHz≥		2.0	2.3	dB
Frequency 1 IL	9.3-16.7	GHz≥		1.8	1.8	dB
Frequency 2 IL	4.2-7.6	GHz≥		1.5	1.8	dB
Frequency 2 IL	7.6-7.8	GHz≥		2.0	2.3	dB
F3 IL	2.1-3.6	GHz≥		1.2	1.5	dB
F3 IL	3.6-3.8	GHz≥		1.5	1.8	dB
Band 1 Rejection	DC-7.5	GHz≥	65			dB
Band 1 Rejection	19.5-20.5	GHz≥	55			dB
Band 1 Rejection	20.5	GHz≥	65			dB
band 2 Rejection	DC-3.5	GHz≥	60	65		dB
band 2 Rejection	8.9-40	GHz≥	60			dB

Reference picture



Configuration(mm)



Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- 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.

Parameters	Frequency		Min	Typical	Max	Units
band 2 Rejection	8.5	GHz $\geq$	30			dB
band 3 Rejection	DC-1.3	GHz $\geq$	70			dB
band 3 Rejection	1.5	GHz $\geq$	50	55		dB
band 3 Rejection	4.5-40	GHz $\geq$	60			dB
band 3 Rejection	4.3	GHz $\geq$	40	45		dB

Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50 Ω
Surface	Conductive oxidation
Power Capacity	5W Design assurance
Shell Material	Aluminium
Operation Temp.	-55~+85°C

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