

Dual Junction Microstrip Circulator Magnetic Shield 14.0 ~ 18.0GHz

Application

- ▶ RF power amplifier protection.
- ▶ Digital, Satellite, Mobile Communication.
- ▶ Medical, Communication, Security.
- ▶ Military, Space and Commercial applications.

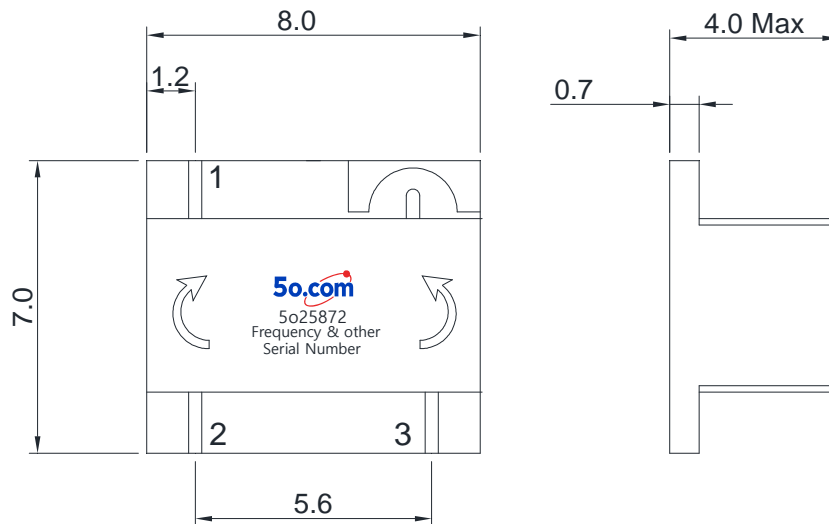
RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)				VSWR Max	Insertion Loss Max(dB)		Connector Type
		1-2	2-3	3-1	3-2		2-1	1-3	
5o258721415	14.0 ~ 15.0	20	20	30	20	1.25	0.45	0.85	Microstrip
5o258721418	14.0 ~ 18.0	16	17	28	17	1.35	0.65	1.1	Microstrip
5o258721517	15.0 ~ 17.0	20	20	30	20	1.25	0.5	0.9	Microstrip
5o258721518	15.0 ~ 18.0	18	18	30	18	1.3	0.6	1	Microstrip
5o25872155165	15.5 ~ 16.5	20	20	30	20	1.25	0.45	0.85	Microstrip
5o258721618	16.0 ~ 18.0	20	20	30	20	1.25	0.5	0.9	Microstrip
5o25872165175	16.5 ~ 17.5	20	20	30	20	1.25	0.45	0.85	Microstrip

Basic Specifications

Dimension	8*7*4mm	Impedance	50Ω
Forward Power	10W	Operating Temperature	-55 ~ +85°C
Reverse Power	3W	Storage Temperature	-55~+125°C

Overall Dimension(mm)



Instructions

Tolerances: ±2% unless otherwise stated.

- ◆ The microstrip isolator/circulator is installed via gold wire bonding.
- ◆ Avoid strong magnetic fields near the product during installation/use, as they may alter the bias magnetic field and affect performance.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.