

Product features

Broadband, low loss.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	30	~	6000	MHz
IL		0.9	1.9	dB@0.1-4G
IL		1.5	2.9	dB@0.03-5G
IL		2.5	3.9	dB@5-6G
Input VSWR		2		
Amplitude balance		0.5		dB
Phase balance		8		°
Common Mode Rejection		20		dB

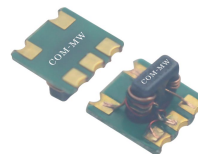
Other parameters

Impedance ratio	1:2 Balun
Connector	Microstrip pad
Impedance	50Ω
Power Capacity	1W
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	/

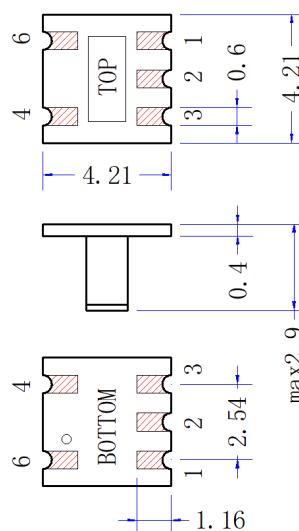
Port Definition

PRIMARY DOT	PRIMARY DOT: 3
PRIMARY	PRIMARY: 1,2
SECONDARY DOT	SECONDARY DOT: 6
SECONDARY	SECONDARY: 4
GND	1, 2
Not used	5

Reference picture

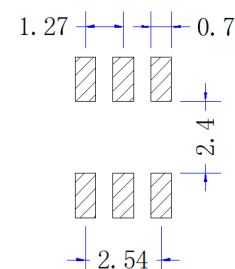


Configuration(mm)

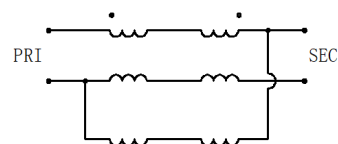


Tolerance: $\pm 0.3\text{mm}$

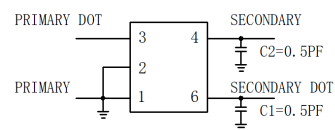
PCB Land Pattern



Functional diagram



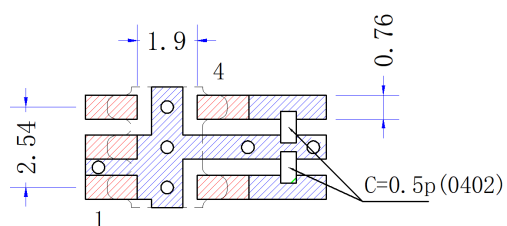
Electrical Schematic



Note

- The product supports 260 °C reflow soldering.

Suggested PCB Layout



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