

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	10	~	8000	MHz
IL		1.3	3@6-8GHz	dB
IL		1.3	2.5@0.01-6GHz	dB
Input VSWR		1.6		
Amplitude balance		1.1		dB
Phase balance		8		°

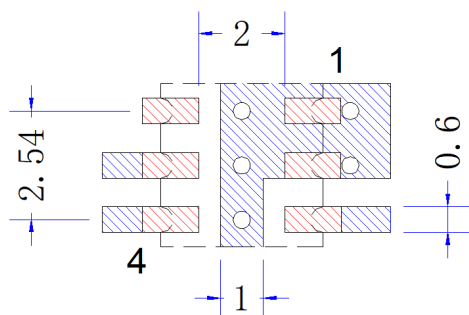
Other parameters

Impedance ratio	1:1 Balun
Connector	SMD
Impedance	50Ω
Power Capacity	1W
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	替代TCM1-83X-1+

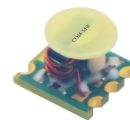
Port Definition

PRIMARY DOT	PRIMARY DOT: 3
PRIMARY	PRIMARY: 2
SECONDARY DOT	SECONDARY DOT:5
SECONDARY	SECONDARY: 4
NOT USED	1, 6
GND	2

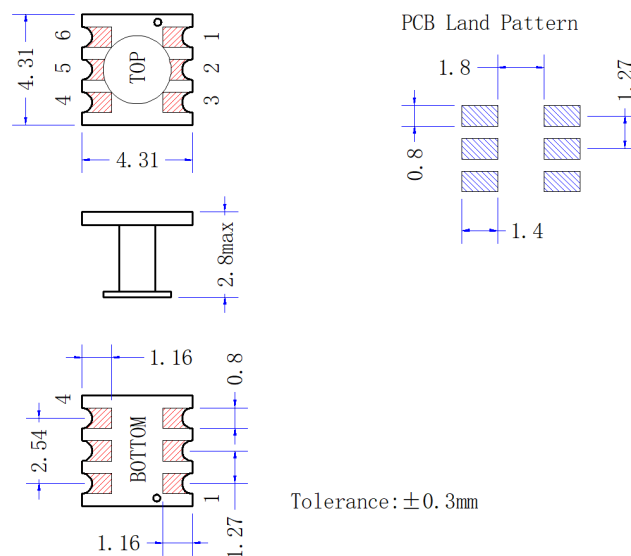
Suggested PCB Layout



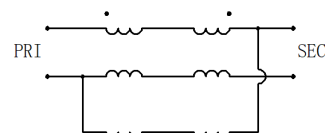
Reference picture



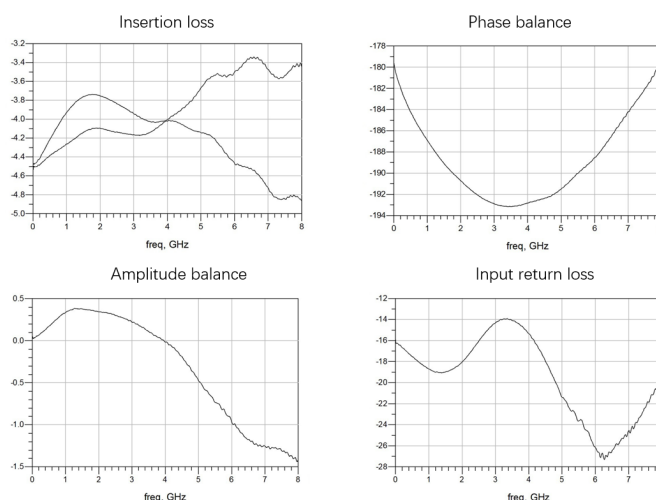
Configuration(mm)



Functional diagram



Typical test curve



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

Note

- | | |
|---|---|
| 1 | The product supports 260 °C reflow soldering. |
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