

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		°

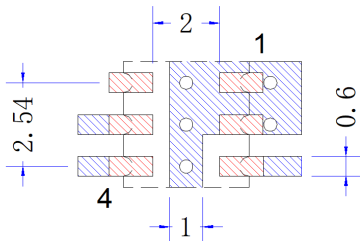
Other parameters

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

Port Definition

PRIMARYDOT	3
PRIMARY	2
SECONDARYDOT	5
SECONDARY	4
NOTUSED	1, 6
GND	2

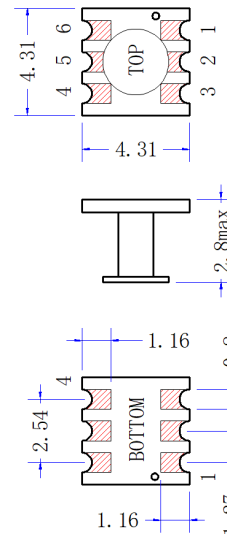
Suggested PCB Layout



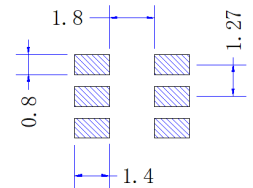
Reference picture



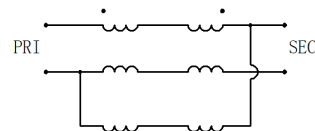
Configuration(mm)



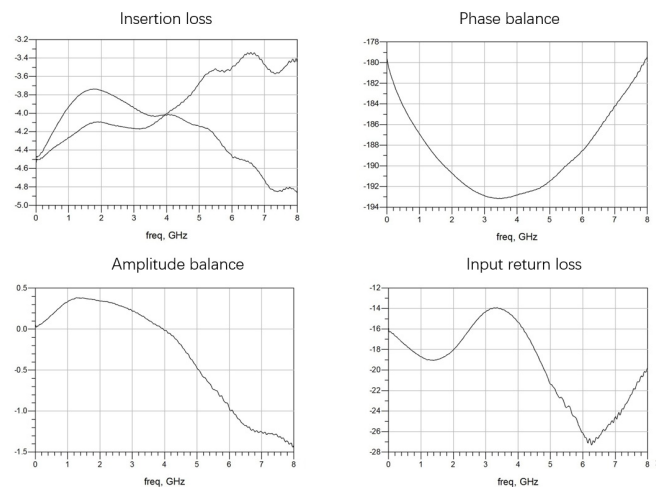
PCB Land Pattern


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

Functional diagram



Typical test curve



Note

1 The product supports 260 °C reflow soldering.