

Product features

Broadband, small volume.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	4.5	~	3000	MHz
IL		3@2-3GHz		dB
IL		2@1-2GHz		dB
IL		1@0.004-1GHz		dB
Amplitude balance		0.5		dB
Phase balance		3		°

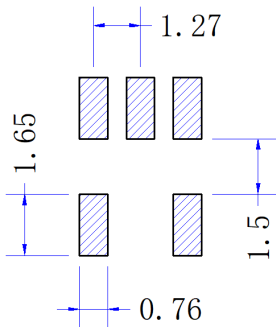
Other parameters

Impedance ratio	1:1 Balun
Connector	SMD
Impedance	50Ω
Power	1W
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	Replace TC1-1-13MX+

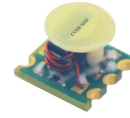
Port Definition

PRIMARY DOT	6
PRIMARY	4
SECONDARY DOT	1
SECONDARY	3
NOT USED	2

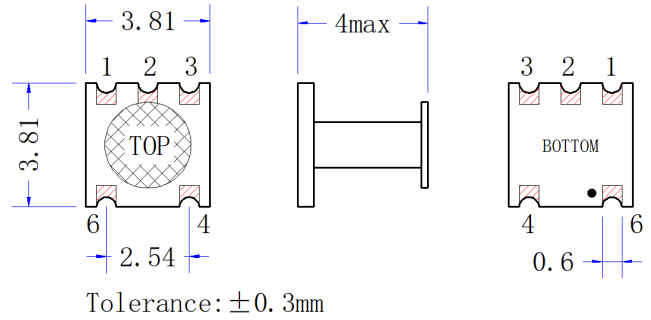
Suggested PCB Layout



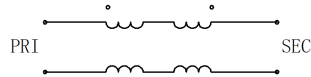
Reference picture



Configuration(mm)



Functional diagram



Note

1	The product supports 260 °C reflow soldering.
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