

Product features

1	Broadband, low loss.
2	Realize the mutual conversion between single-ended signals and differential signals

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	10	~	4000	MHz
IL			5	dB
Return loss		7		dB
Amplitude balance		1		dB
Phase balance		7		°

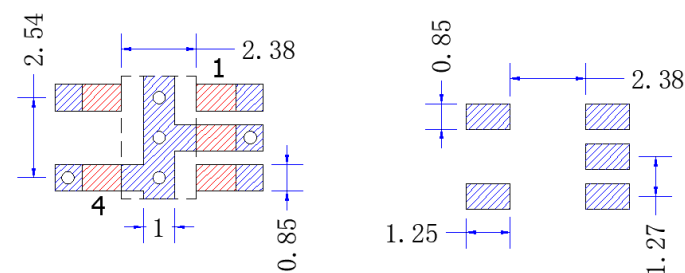
Other parameters

Impedance ratio	1:4 Balun
Connector	SMD
Impedance	50Ω
Power Capacity	1W
Operation Temp.	-55~+85°C
Storage Temp.	-55~+100°C
Quality Grade	Industrial grade
ROHS	Compliant Available

Port Definition

PRIMARY DOT	Unbalance Port	6
PRIMARY	GND	4
SECONDARY DOT	Balance Port	1
SECONDARY	Balance Port	3
SECONDARY CT	GND	2

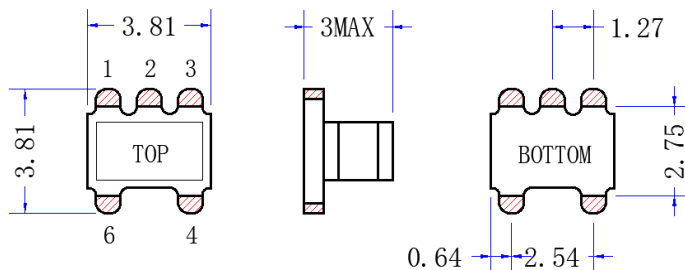
Suggested PCB Layout



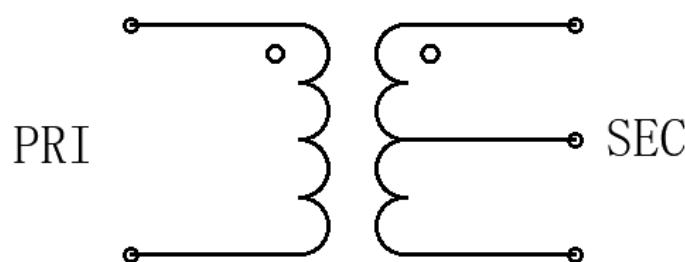
Reference picture



Configuration(mm)


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

Functional diagram



Note

1	The product supports 260 °C reflow soldering.
2	Short term soaking and cleaning, please dry in a timely manner.