



**TWBL00066**

1:2 Balun

0.007 ~ 200MHz

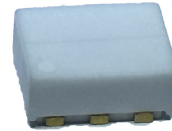
**V1**

## Features:

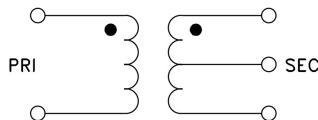
RoHS Compliant

Tape & Reel

260 Degree Cel SMT Process



## Schematic:



## Ports Configuration:

PRIMARY DOT	4
PRIMARY	6
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2
NOT USED	5

## Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		0.25
DC Current		mA		30
Operating Temperature Range		Degree Cel	-20	85
Storage Temperature Range		Degree Cel	-55	100
Moisture Sensitivity Level				1

## Ordering Information:

Part Description	Details
TWBL00066	2000 per reel
TWBL00066-EVA	Evaluation Board for TWBL00066

**Electrical Specifications: Zo=50 Ohm Pin = 0 dBm**

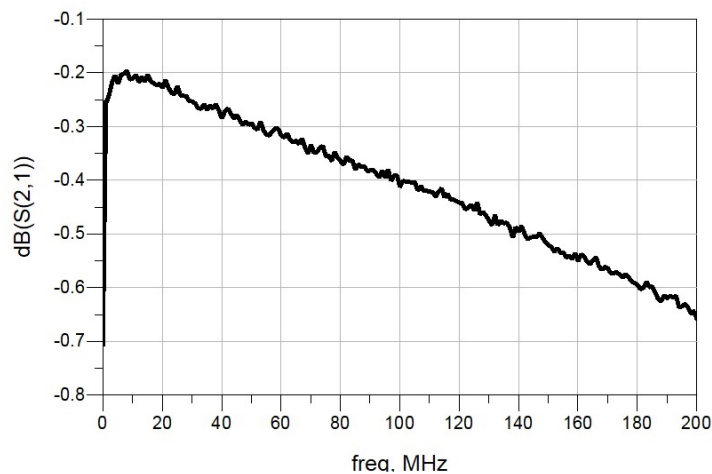
Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	0.007	~	200
Impedance Ratio	-	-	-	2	-
Insertion Loss	0.007-200Mhz	dB	-	0.8	3
Input return loss	0.007-200Mhz	dB	-	15	6
Amplitude Balance	0.007-200Mhz	dB	-	-	-
Phase Balance	0.007-200Mhz	°	-	-	-

Notes:

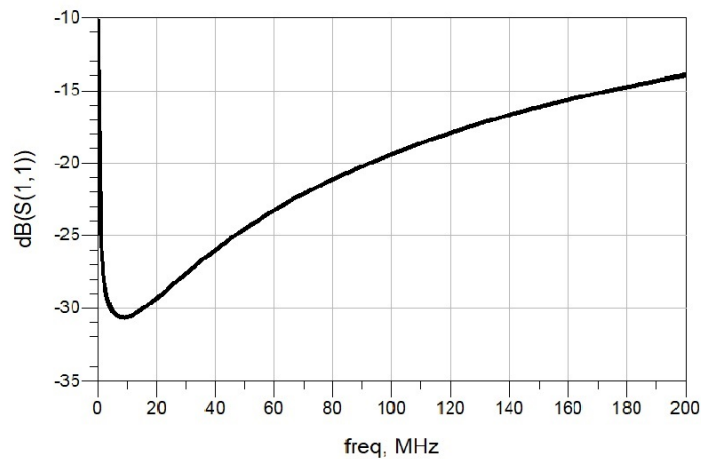
- 1: Specifications guaranteed over the operating temperature range.
- 2: Touchstone format sNp file is available on [www.exploremw.com](http://www.exploremw.com).

**Typical Performance Curves:**

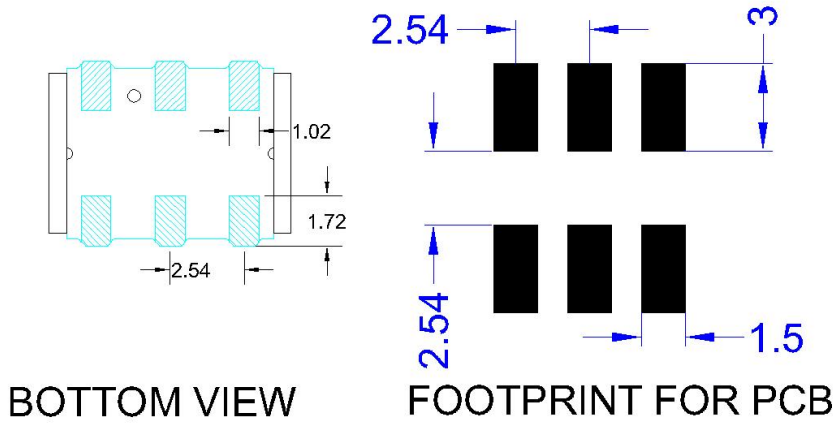
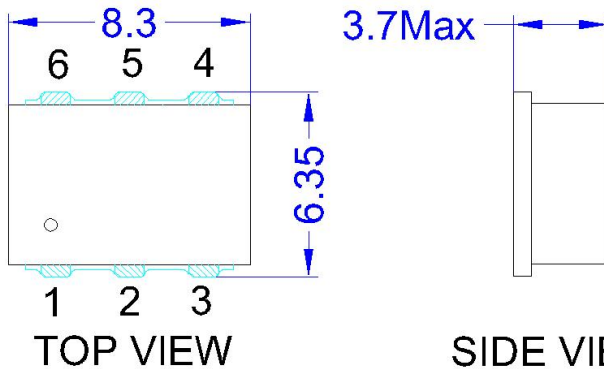
INSERTION LOSS



INPUT RETURN LOSS



**Mechanical Dimensions:**



**Notes:**

- 1: Dimensions in mm.
- 2: Tolerance  $\pm 0.3$ mm unless otherwise noted.
- 3: 3D model in STEP format is available at [www.exploremw.com](http://www.exploremw.com)