

**TWOH20039**

6.8 dB Coupler

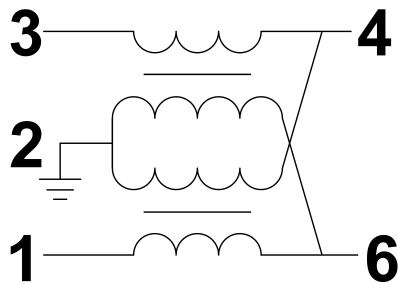
5 ~ 1250MHz

V1**Features:**

RoHS Compliant

Tape & Reel

260 Degree Cel SMT Process

**Schematic:****Ports Configuration:**

Input	3
Output	4
Coupled	1
Ground	2
NC	6

Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		500
Operating Temperature Range		Degree Cel	-40	85
Storage Temperature Range		Degree Cel	-55	125
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
TWOH20039	2000 per reel
TWOH20039-EVA	Evaluation Board for TWOH20039

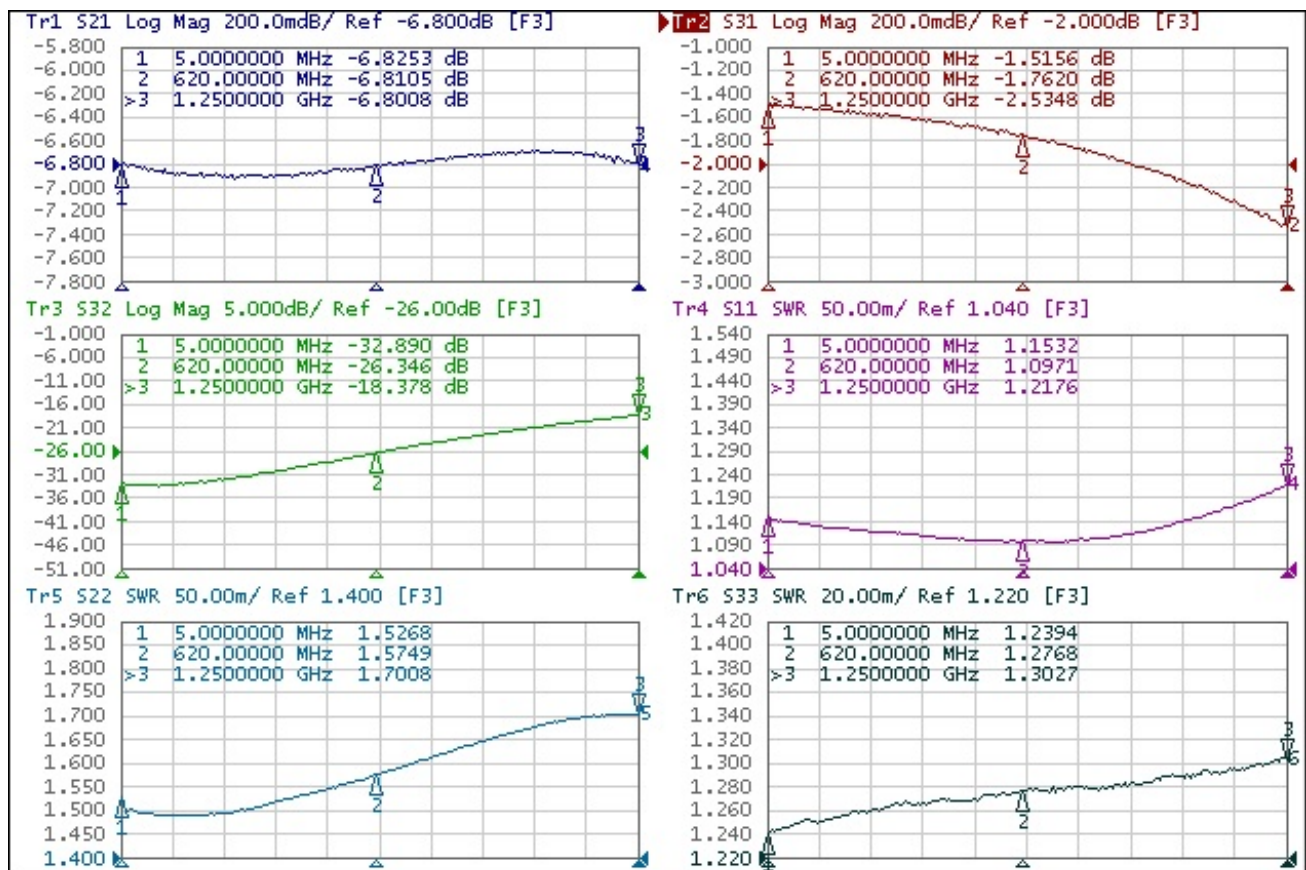
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

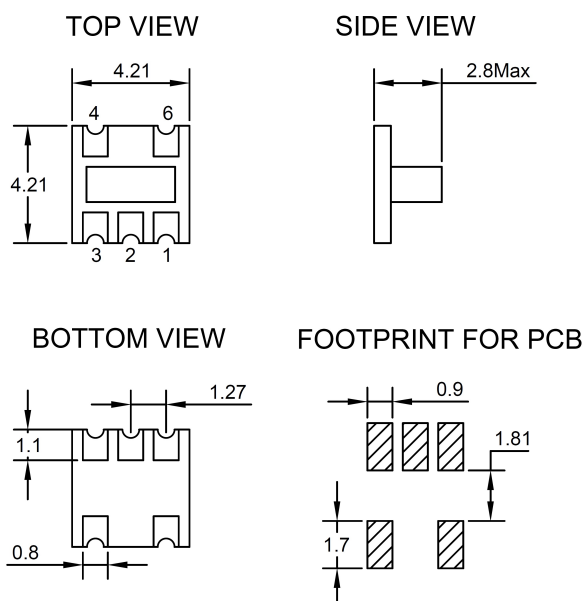
Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	5	~	1250
Insertion Loss	5-1250MHz	dB	-	2.2	2.9
Coupling	5-1250MHz	dB	6.5	6.8	7.1
VSWR(Main)	5-1250MHz	:1	-	1.4	-
VSWR(Coupling)	5-1250MHz	:1	-	1.8	-
Directivity	5-1250MHz	dB	10	17	-

Notes:

- 1: Specifications guaranteed over the operating temperature range.
 2: Touchstone format sNp file is available on www.exploremw.com.

Typical Performance Curves:



Mechanical Dimensions:**Notes:**

- 1: Dimensions in mm.
- 2: Tolerance ± 0.3 mm unless otherwise noted.
- 3: 3D model in STEP format is available at www.exploremw.com