



TWGF11035

2 WAY-0° Power splitter

5 ~ 2150MHz

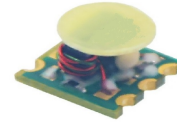
V1

Features:

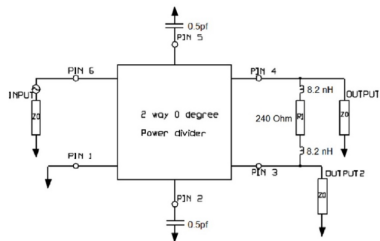
RoHS Compliant

Tape & Reel

260 Degree Cel SMT Process



Schematic:



Ports Configuration:

SUM PORT	6
PORT1	4
PORT2	3
External 0.5pF	2,5
GROUND	1

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	100
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
TWGF11035	2000 per reel
TWGF11035-EVA	Evaluation Board for TWGF11035

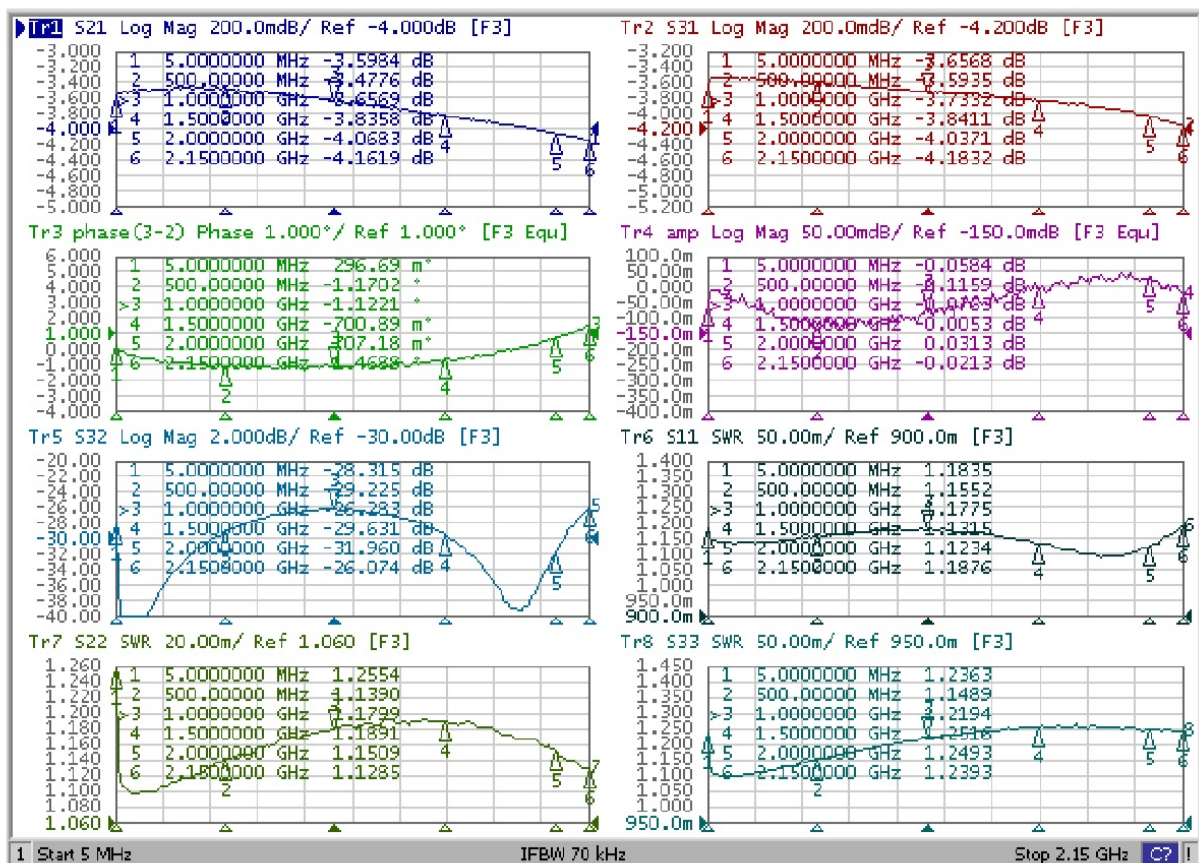
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	5	~	2150
Insertion Loss	5-2150Mhz	dB	-	1.2	2
Amplitude unbalance	5-2150Mhz	dB	-	0.05	1
Phase unbalance	5-2150Mhz	°	-	1.2	10
Input VSWR	5-2150Mhz	VSWR	-	1.1	1.5
Output VSWR	5-2150Mhz	VSWR	-	1.2	1.5
Isolation	5-2150Mhz	dB	20	30	-

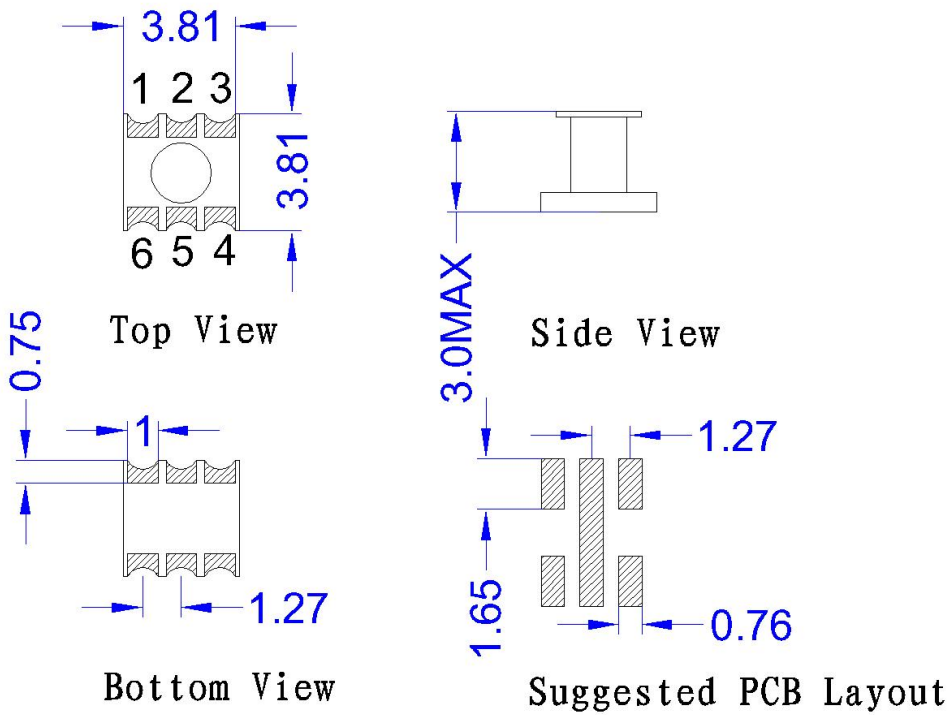
Notes:

- 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