



TWGF10093

2 WAY-0° Power splitter

5 ~ 1000MHz

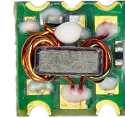
V1

Features:

RoHS Compliant

Tape & Reel

260 Degree Cel SMT Process



Schematic:



Ports Configuration:

SUM PORT	6
PORT 1	3
PORT 2	4
GROUND	1,2
NOT USED	5

Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		0.5
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
TWGF10093	2000 per reel
TWGF10093-EVA	Evaluation Board for TWGF10093

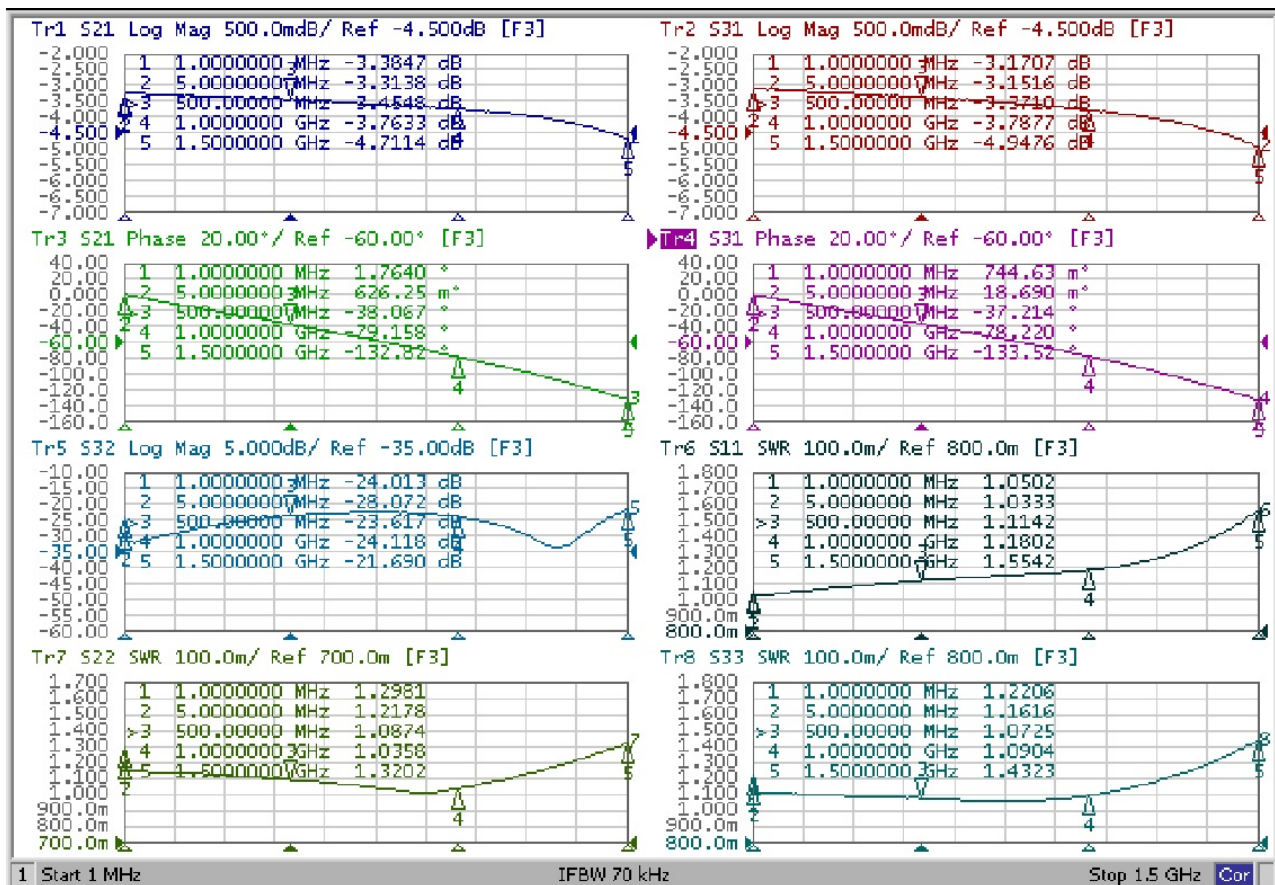
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	5	~	1000
Insertion Loss	5-1000Mhz	dB	-	0.8	1.4
Amplitude unbalance	5-1000Mhz	dB	-0.6	0.05	0.6
Phase unbalance	5-1000Mhz	°	-5	0.9	5
Input VSWR	5-1000Mhz	VSWR	-	1.2	1.35
Output VSWR	5-1000Mhz	VSWR	-	1.15	1.35
Isolation	5-1000Mhz	dB	16	22	-

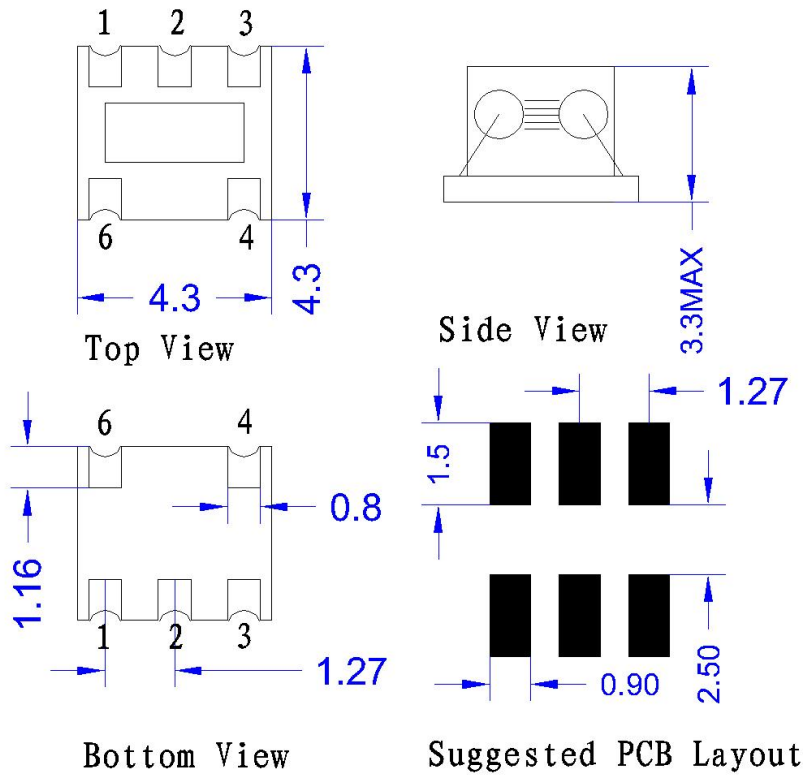
Notes:

- 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 $\pm 0.3\text{mm}$ unless otherwise noted.
- 3: 3D model in STEP format is available at www.exploremw.com