



TWGF10891

4 WAY-0° Power splitter

1000 ~ 2000MHz

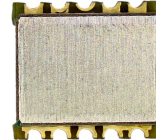
V1

Features:

RoHS Compliant

Tape & Reel

260 Degree Cel SMT Process



Schematic:



Ports Configuration:

SUM PORT (PORT S)	3
PORT 1	6
PORT 2	7
PORT 3	9
PORT 4	10
GROUND	1,2,4,5,8

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
TWGF10891	1500 per reel
TWGF10891-EVA	Evaluation Board for TWGF10891

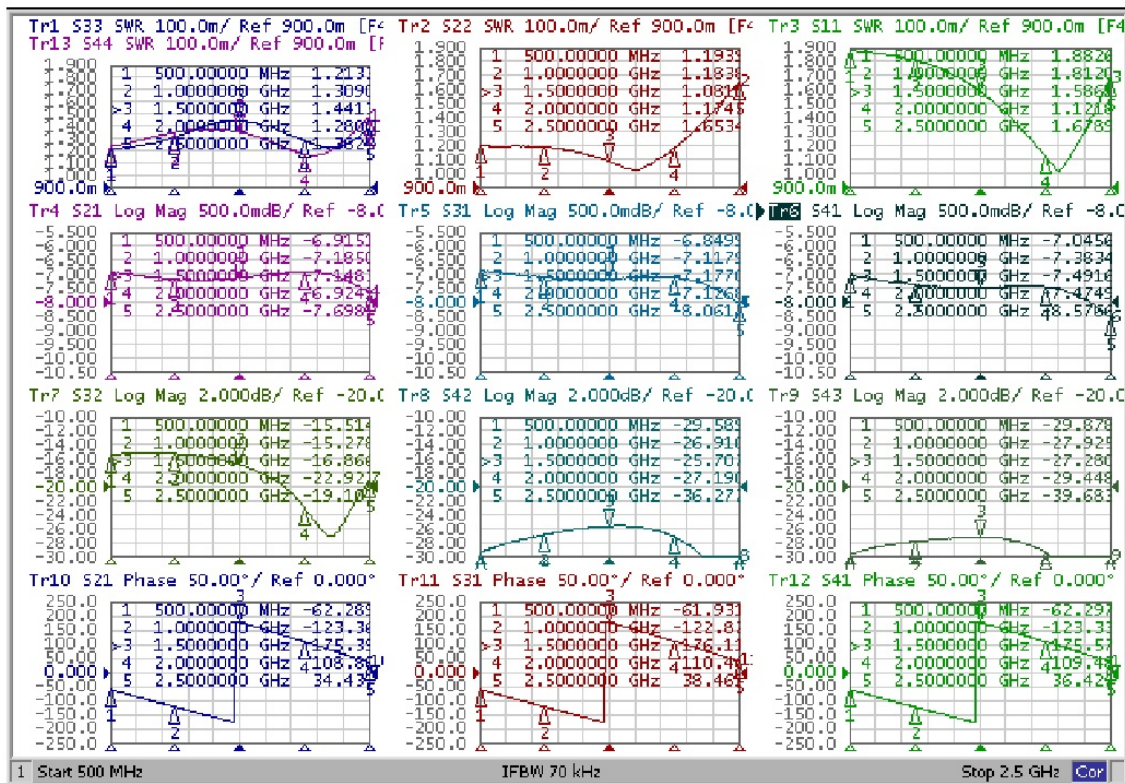
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	Test Conditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	1000	~	2000
Insertion Loss	1000-2000MHz	dB	-	1.6	1.8
Amplitude unbalance	1000-2000MHz	dB	-	0.5	0.9
Phase unbalance	1000-2000MHz	°	-	4	10
Input VSWR	1000-2000MHz	VSWR	-	1.8	2.2
Output VSWR	1000-2000MHz	VSWR	-	1.2	1.5
Isolation	1000-2000MHz	dB	10	16	

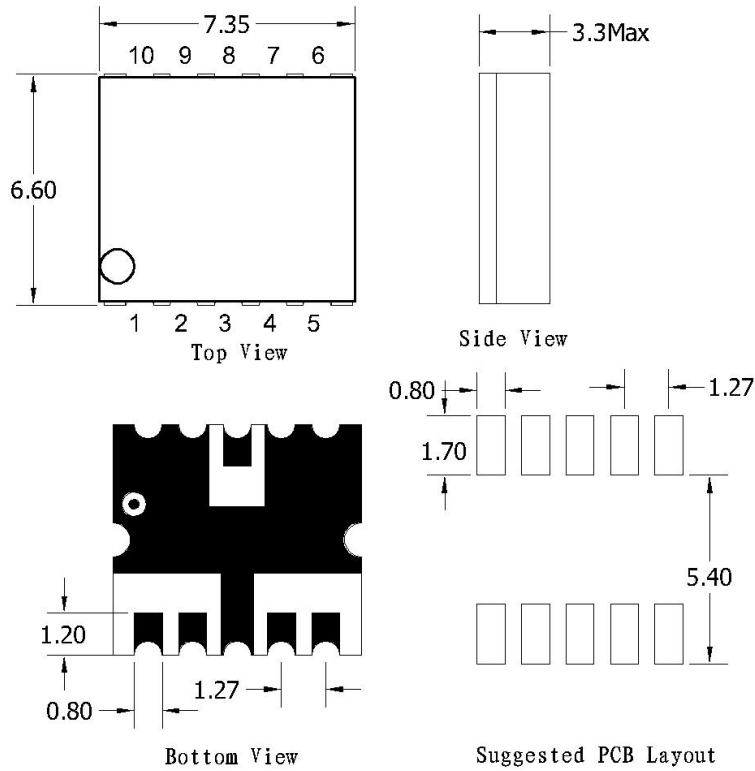
Notes:

- 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