

Non-Catalog Model

Frequency Mixer

Level 7 (LO Power +7 dBm)

TSM-2+



Important Note

This is a non-catalog model and can be manufactured on specific request. Pricing and delivery information can be supplied upon request.

Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : A11

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	1		1000	MHz
	RF (fL to fU)	1		1000	MHz
	IF	0		1000	MHz
Conversion Loss	mid band		5.6	7.5	dB
	Total Range			10.0	dB
LO-RF Isolation	Low Range	45	55		dB
	Mid Range	20	40		dB
	Upper Range	18	35		dB
LO-IF Isolation	Low Range	40	50		dB
	Mid Range	20	40		dB
	Upper Range	18	25		dB
1 dB Comp. Input Power			+1		dBm

Notes: Low Range = [fL to 10fL]
mid band = [2fL to fU/2]

Mid Range = [10fL to fU/2]

Upper Range = [fU/2 to fU]

Hermetically sealed

MAXIMUM RATINGS	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power	50mW
IF Current	40mA

PIN CONNECTIONS	
LO	8
RF	1
IF	3, 4 ^
GROUND	2, 5, 6, 7
CASE GROUND	2, 5, 6, 7

^ - pins must be connected together externally

Electrical Schematics

