

Non-Catalog Model

Frequency Mixer

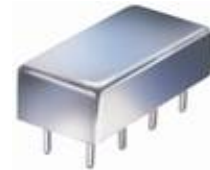
SIMA-5MH

Level 13 (LO Power +13 dBm)

Important Note

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

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CASE STYLE : A06

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	2		1500	MHz
	RF (fL to fU)	2		1500	MHz
	IF	0		1000	MHz
Conversion Loss	mid band		7.1	8.6	dB
	Total Range			9.0	dB
LO-RF Isolation	Low Range	44	70		dB
	Mid Range	23	44		dB
	Upper Range	22	31		dB
LO-IF Isolation	Low Range	38	57		dB
	Mid Range	20	30		dB
	Upper Range	15	25		dB
1 dB Comp. Input Power			+9		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]

Hermetic metal case

MAXIMUM RATINGS	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power	200mW
IF Current	40mA

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

Electrical Schematics

