Non-Catalog Model

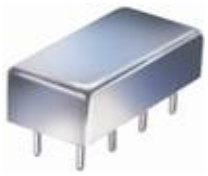
Frequency Mixer SIMA-5

Level 7 (LO Power +7 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.

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



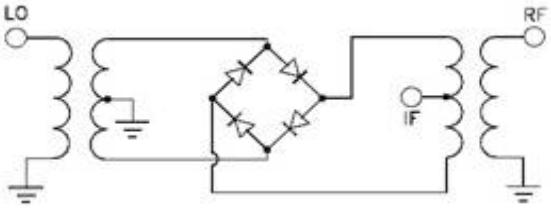
CASE STYLE : A06

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**		7.0	8.0	dB
	Total Range			9.0	dB
LO-RF Isolation	**Low Range**	44	65		dB
	Mid Range	23	44		dB
	Upper Range	22	31		dB
LO-IF Isolation	**Low Range**	38	54		dB
	Mid Range	18	30		dB
	Upper Range	11	25		dB
1 dB Comp. Input Power			+1		dBm

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

Hermetic metal case

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
GROUND	2, 5, 6, 7

Electrical Schematics