## Non-Catalog Model

## **Frequency Mixer** 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 : A01

	ELECTRICA	L SPECIFICATION	IS 50Ω @ +25°0		
Parameter		Min.	Тур.	Max.	Units
Frequency	LO (fL to fU)	0.5		500	MHz
	RF (fL to fU)	0.5		500	MHz
	IF	0		500	MHz
Conversion Loss	mid band		5.7	7.0	dB
	Total Range			8.5	dB
LO-RF Isolation	Low Range	45	50		dB
	Mid Range	30	45		dB
	Upper Range	25	35		dB
LO-IF Isolation	Low Range	35	45		dB
	Mid Range	25	40		dB
	Upper Range	20	30		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]

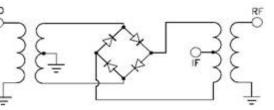
Hermetically sealed

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		

^ - pins must be connected together externally

## **Electrical Schematics**





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