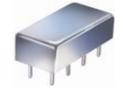
Frequency Mixer

SRA-149

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.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	5		500	MHz	
	RF (fL to fU)	5		500	MHz	
	IF	0		500	MHz	
Conversion Loss	mid band		5.6	6.5	dB	
	Total Range			8.0	dB	
LO-RF Isolation	Low Range	50	60		dB	
	Mid Range	45	55		dB	
	Upper Range	40	53		dB	
LO-IF Isolation	Low Range	40	50		dB	
	Mid Range	25	35		dB	
	Upper Range	24	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]

Blue bead pin 4 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	2		
IF	5, 6 ^		
GROUND	1, 3, 4, 7		

^{^ -} pins must be connected together externally

Electrical Schematics

