

Non-Catalog Model

Frequency Mixer

SRA-17WH

Level 17 (LO Power +17 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 : A01

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	20		700	MHz
	RF (fL to fU)	20		700	MHz
	IF	5		340	MHz
Conversion Loss	mid band		7.7	9.0	dB
	Total Range			10.5	dB
LO-RF Isolation	Low Range	45	60		dB
	Mid Range	40	55		dB
	Upper Range	32	50		dB
LO-IF Isolation	Low Range	32	50		dB
	Mid Range	25	45		dB
	Upper Range	18	32		dB
IP3 Input		+27.5	+30		dBm
1 dB Comp. Input Power			+10		dBm

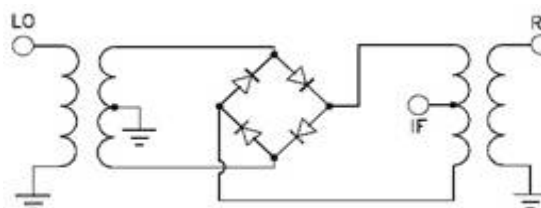
Notes: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2] Upper Range = [fU/2 to fU]
 mid band = [2fL to fU/2]

IP3 : RF Power = 0 dBm @ 200 MHz & 202 MHz , LO Power = +17 dBm @ 180 MHz

Hermetically sealed

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

Electrical Schematics



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

^ - pins must be connected together externally