

Non-Catalog Model

Frequency Mixer

LRMS-3

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.



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CASE STYLE : QQQ130

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f _L to f _U)	.04		400	MHz
	RF (f _L to f _U)	.04		400	MHz
	IF	DC		400	MHz
Conversion Loss	mid band		4.95	7	dB
	Total Range		5.35	8	dB
LO-RF Isolation	Low Range	50	60		dB
	Mid Range	35	54		dB
	Upper Range	25	41		dB
LO-IF Isolation	Low Range	40	48		dB
	Mid Range	30	40		dB
	Upper Range	15	26		dB

Note: Low Range = [f_L to 10f_L]

Mid Range = [10f_L to f_U/2]

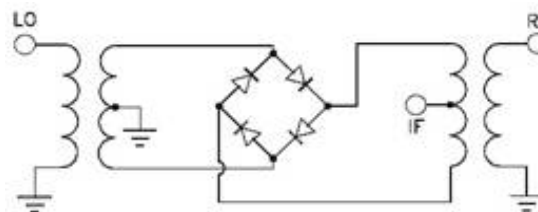
Upper Range = [f_U/2 to f_U]

mid band = [2f_L to f_U/2]

MAXIMUM RATINGS	
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +100°C

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

Electrical Schematics



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RF/IF MICROWAVE COMPONENTS

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REV. X1
LRMS-3
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