

## Non-Catalog Model

# Frequency Mixer

# LRMS-5LHJ

Level 10 (LO Power +10 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 : QQQ569**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	10		1500	MHz
	RF (fL to fU)	10		1500	MHz
	IF	0		900	MHz
Conversion Loss	mid band		5.3	8.0	dB
	Total Range			9.8	dB
LO-RF Isolation	Low Range	35	58		dB
	Mid Range	20	38		dB
	Upper Range	18	25		dB
LO-IF Isolation	Low Range	30	56		dB
	Mid Range	14	38		dB
	Upper Range	6	17		dB
1 dB Comp. Input Power			+5		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]

Phase detection, positive polarity  
Aqueous washable.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	50mW
IF Current	40mA

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

### Electrical Schematics

