

## Engineering Development Model

# Frequency Mixer

# LRMS-ED9925/1

Level 13 (LO Power +13 dBm)

### Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability.

At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



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CASE STYLE : 99-01-615

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f <sub>L</sub> to f <sub>U</sub> )	200		1000	MHz
	RF (f <sub>L</sub> to f <sub>U</sub> )	200		1000	MHz
	IF	45		178	MHz
Conversion Loss	mid band		7.3		dB
	Total Range		7.5		dB
LO-RF Isolation			30		dB
LO-IF Isolation			33		dB
IP3 Input			+22		dBm

Note: mid band = [2f<sub>L</sub> to f<sub>U</sub>/2]

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

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