Engineering Development Model

Frequency Mixer LRMS-ED6047/1

Level 7 (LO Power +7 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.

Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : 99-01-532

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		**Min.**	**Typ.**	**Max.**	**Units**
Frequency	**LO** (f_L to f_U)	1		675	MHz
	RF (f_L to f_U)	1		675	MHz
	IF	1		510	MHz
Conversion Loss	**mid band**		6.0		dB
	Total Range		7.0		dB
LO-RF Isolation	**Low Range**		63		dB
	Mid Range		43		dB
	Upper Range		36		dB
LO-IF Isolation	**Low Range**		50		dB
	Mid Range		35		dB
	Upper Range		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	6
RF	3
IF	2
GROUND	1, 4, 5