Engineering Development Model

Frequency Mixer

LAVI-ED12954/1

Level 20 (LO Power + 20 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: CK605

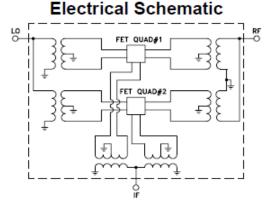
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	LO (fL to fU)	10		2505	MHz	
	RF (f∟ to f∪)	10		2505	MHz	
	IF	10		500	MHz	
Conversion Loss	Mid Range		7.15		dB	
	Total Range		7.7			
LO-RF Isolation	Low Range		55		dB	
	Mid Range		50		dB	
	Upper Range		45		dB	
LO-IF Isolation	Low Range		55		dB	
	Mid Range		51		dB	
	Upper Range		45		dB	
Input IP3			+28		dBm	
1 dB Compression			+20		dBm	

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

Upper Range = [fu/2 to fu]

MAXIMUM RATINGS		
Operating Temperature	-45°C to 85°C	
Storage Temperature	-55°C to +100°C	

PIN CONNECTIONS			
LO	10		
RF	2		
IF	14		
GROUND	1,3,4,5,6,7,8,9,11,12,13,15,16		



REV. X2

12/10/2008

Page 1 of 1