## Engineering Development Model

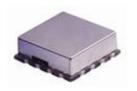
## **Frequency Mixer**

## **LAVI-ED12677**

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	. SPECIFICATION	S 50Ω @ +25°	С	
Parameter		Min.	Тур.	Max.	Units
Frequency	LO (fL to fU)	61.5		2720	MHz
	RF (fL to fU)	61.5		2720	MHz
	IF	80.5		535	MHz
Conversion Loss	Mid Band		6.8		dB
	Total Range		7.7		dB
LO-RF Isolation	Low Range		56		dB
	Mid Range		62		dB
	<b>Upper Range</b>		58		dB
LO-IF Isolation	Low Range		53		dB
	Mid Range		58		dB
	<b>Upper Range</b>		49		dB
IP3 Input			+27		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		
CASE GROUND	1,3,4,5,6,7,8,9,11,12,13,15,16		