## Engineering Development Model

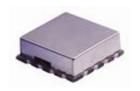
## **Frequency Mixer**

## LAVI-ED12801/1

Level 22 (LO Power +22 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: CK605** 

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency	LO (fL to fU)	0.25		412.5	MHz
	RF (fL to fU)	0.25		412.5	MHz
	IF	0.25		412.5	MHz
Conversion Loss	mid band		8.6		dB
	Total Range		11.0		dB
LO-RF Isolation	Low Range		-		dB
	Mid Range		58		dB
	<b>Upper Range</b>		57		dB
LO-IF Isolation	Low Range		-		dB
	Mid Range		44		dB
	<b>Upper Range</b>		41		dB
IP3 Input			+32		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	-40°C to 85°C			
Storage Temperature	-55°C to 100°C			