## Engineering Development Model

## **Frequency Mixer**

## ADE-ED8019/1

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: CD542** 

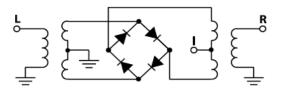
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	<b>LO</b> (f∟ to f∪)	10		2000	MHz	
	<b>RF</b> (f∟ to f∪)	10	Ι Γ	2000	MHz	
	IF	10	] [	1000	MHz	
Conversion Loss	Mid Range		7.5		dB	
	Total Range		7.9		dB	
LO-RF Isolation	Low Range		32		dB	
	Mid Range		38		dB	
	Upper Range		36		dB	
LO-IF Isolation	Low Range		51		dB	
	Mid Range		37		dB	
	<b>Upper Range</b>		32		dB	
Input IP3			+11		dBm	
1 dB Compression		_	+1		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	

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



**Electrical Schematic**