Engineering Development Model

## **Frequency Mixer** Level 13 (LO Power + 13 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.



**CASE STYLE : CD542** 

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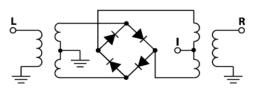
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ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency	<b>LO</b> (f∟ to f∪)	130		1320	MHz	
	<b>RF</b> (f∟ to f∪)	130		1320	MHz	
	IF	10		500	MHz	
Conversion Loss	Total Range		7.2		dB	
LO-RF Isolation			42		dB	
LO-IF Isolation			36		dB	
Input IP3			+22		dBm	
1dB Compression			+8		dBm	

MAXIMUM RATINGS		
Operating Temperature	-20°C to +85°C	
Storage Temperature	-55°C to +100°C	

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

## **Electrical Schematics**







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