## Engineering Development Model

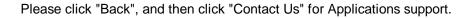
## **Active Mixer**

## **MACY-ED12692**

Level 0 (LO Power 0 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: BJ293** 

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency	LO (fL to fu)	1651		2358	MHz
	<b>RF</b> (f∟ to f∪)	1651		2358	MHz
	IF	247		252	MHz
Conversion Loss	Total Range		7.9		dB
LO-RF Isolation			17		dB
LO-IF Isolation			19		dB
Input IP3			+29		dBm
DC Voltage			5		V
DC Current				100	mA

MAXIMUM RATINGS		
Operating Temperature	-40°C to 85°C	
Storage Temperature	-55°C to +100°C	

PIN CONNECTIONS			
LO	1		
RF	5		
IF	3		
DC	7		
GROUND	2,4,6,8		