

## Frequency Mixer

## ADE-ED7907/1

### Level 10 (LO Power +10 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 : CD542**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	2		1577	MHz
	RF (fL to fU)	2		1577	MHz
	IF	0.1		1490	MHz
Conversion Loss	mid band		6.5		dB
	Total Range		6.6		dB
LO-RF Isolation	Low Range		-		dB
	Mid Range		51		dB
	Upper Range		35		dB
LO-IF Isolation	Low Range		-		dB
	Mid Range		55		dB
	Upper Range		31		dB

**Note:** Low Range = [fL to 10fL]      Mid Range = [10fL to fu/2]      Upper Range = [fu/2 to fu]  
mid band = [2fL to fu/2]

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