

## Non-Catalog Model

# Frequency Mixer

## Level 7 (LO Power +7 dBm)

# RMS-860

### Important Note

This is a non-catalog model and can be manufactured on specific request.  
Pricing and delivery information can be supplied upon request.



Please click "Back", and then click "Contact Us" for Applications support.

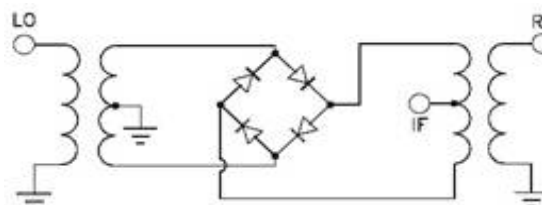
**CASE STYLE : TT240**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
<b>Frequency</b>	<b>LO</b> (fL to fU)	800		1050	MHz
	<b>RF</b> (fL to fU)	800		1050	MHz
	<b>IF</b>	0		250	MHz
<b>Conversion Loss</b>	<b>mid band</b>		5.5	7.5	dB
<b>LO-RF Isolation</b>	<b>Low Range</b>	25	36		dB
<b>LO-IF Isolation</b>	<b>Low Range</b>	18	24		dB
<b>1 dB Comp. Input Power</b>			+1		dBm

**Note:** Phase detection, positive polarity.  
Units are non-hermetic.

MAXIMUM RATINGS	
<b>Operating Temperature</b>	-40°C to 85°C
<b>Storage Temperature</b>	-55°C to 100°C
<b>RF Power</b>	50mW
<b>IF Current</b>	40mA

### Electrical Schematics



PIN CONNECTIONS	
<b>LO</b>	1
<b>RF</b>	4
<b>IF</b>	5
<b>GROUND</b>	2, 3, 6