

## Frequency Mixer

## SIM-ED12399/5B

Level 20 (LO Power + 20 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 : HV1195**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f <sub>L</sub> to f <sub>U</sub> )	4950		7550	MHz
	RF (f <sub>L</sub> to f <sub>U</sub> )	4950		7550	MHz
	IF	3080		5020	MHz
Conversion Loss	Total Range		7.1		dB
LO-RF Isolation			20		dB
LO-IF Isolation			25		dB
Input IP3			+27		dBm
1 dB Compression			+10		dBm

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

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

### Electrical Schematics

