

# Frequency Mixer

## SIM-ED12666/1

Level 6 (LO Power + 6 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> )	4380		4380	MHz
	RF (f <sub>L</sub> to f <sub>U</sub> )	4380		4380	MHz
	IF	3200		4500	MHz
Conversion Loss	Total Range		6.9		dB
LO-RF Isolation			34		dB
LO-IF Isolation			19		dB
Input IP3			+13		dBm
1 dB Compression			+1		dBm

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

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

### Electrical Schematics

