

Parameter	Frequency (MHz)	Units	Minimum	Typical	Maximum
Frequency Range	RF: 823-851 LO: 735-762 IF: 85-90				
Conversion loss	823-851	dB	-	8.4	8.8
L-R Isolation	735-762	dB	0	5.0	-
L-I Isolation	735-762	dB	25.0	30.0	-
R-I Isolation	823-851	dB	20.0	25.0	-
LO VSWR	735-762	-	-	2.0	-
RF VSWR	823-851	-	-	1.5	-
IF VSWR	85-90	-	-	1.5	-
Input IP3	Downconverting	dBm	30.0	34.0	-
1dB Compression		dBm	-	20.0	-

Absolute Maximum Ratings

Parameter	Maximum
RF input power	200mW
Peak IF current	130mA
Operating temperature	-40°C - +85°C
Storage temperature	-40°C - +85°C

Pin Configuration

Function	Pin #
RF	14
LO	2
IF	13
Ground	1,3,4,5,6,7,9,10,11,12
DC	8

Specification subject to change without notice.

North America: (800) 366-2266

Asia/Pacific: +81-44-844-8296

Europe: +44 (1344) 869 595

Visit www.macom.com for additional datasheets and information.