

Engineering Development Model

Frequency Mixer

MACA-ED10457/10

Level 0 (LO Power 0 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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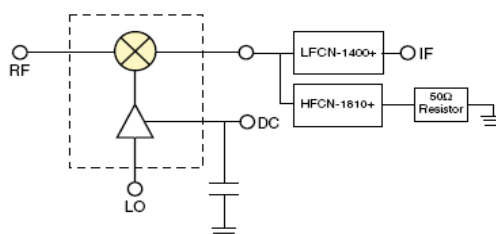
CASE STYLE : DZ1034

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f _L to f _U)	1660		6200	MHz
	RF (f _L to f _U)	1660		6200	MHz
	IF	10		1000	MHz
Conversion Loss	Total Range		6.7		dB
LO-RF Isolation			14		dB
LO-IF Isolation			35		dB
Input IP3			+20		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	10
RF	5
IF	3
DC	7
GROUND EXT	1,2,4,6,8,9

Electrical Schematics



LFCN-1400+ & HFCN-1810+ are added to improve isolations.



P.O. Box 350188, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4851 For detailed performance specs & shopping online see Mini-Circuits web site



The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINICIRCUITS At: www.minicircuits.com

IF/RF MICROWAVE COMPONENTS



REV. X2

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