

Frequency Mixer

MCA1T-ED13539/1

Level 13 (LO Power + 13 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 : DZ885-2

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (f _L to f _U)	1000		4200	MHz
	RF (f _L to f _U)	1000		4200	MHz
	IF	10		1500	MHz
Conversion Loss	Total Range		6.2		dB
LO-RF Isolation			35		dB
LO-IF Isolation			20		dB
Input IP3			+16		dBm
1 dB Compression			+9		dBm

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 85°C

PIN CONNECTIONS	
LO	10
RF	5
IF	3
GROUND	1,2,4,6,7,8,9

Electrical Schematic

