

Non-Catalog Model

Frequency Mixer

Level 7 (LO Power +7 dBm)

RMS-1BM

Important Note

This is a non-catalog model and can be manufactured on specific request.
Pricing and delivery information can be supplied upon request.



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CASE STYLE : TT240

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	5		600	MHz
	RF (fL to fU)	5		600	MHz
	IF	0		600	MHz
Conversion Loss	mid band		6.0	7.0	dB
	Total Range			7.5	dB
LO-RF Isolation	Low Range	45	65		dB
	Mid Range	32	50		dB
	Upper Range	23	35		dB
LO-IF Isolation	Low Range	40	55		dB
	Mid Range	25	40		dB
	Upper Range	22	35		dB
1 dB Comp. Input Power			+1		dBm

Notes: Low Range = [fL to 10fL] Mid Range = [10fL to fU/2] Upper Range = [fU/2 to fU]
 mid band = [2fL to fU/2]

Phase detection, positive polarity
Units are non-hermetic.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	50mW
IF Current	40mA

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

Electrical Schematics

