

Non-Catalog Model

Frequency Mixer

MBA-12H

Level 17 (LO Power +17 dBm)

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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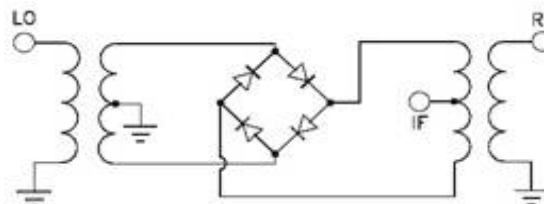
CASE STYLE : SM2

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	800		2500	MHz
	RF (fL to fU)	800		2500	MHz
	IF	0		500	MHz
Conversion Loss			6.8	9.5	dB
LO-RF Isolation		18	30		dB
LO-IF Isolation		7	13		dB
IP3 Input			+18		dBm
1 dB Comp. Input Power			+10		dBm

Note: units are non-hermetic.

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	200mW
IF Current	40mA

Electrical Schematics



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