

Non-Catalog Model

Frequency Mixer Level 7 (LO Power +7 dBm)

TUF-5X+

Important Note

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



Please click "Back", and then click "Contact Us" for Applications support.

CASE STYLE : B02

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	1		1500	MHz
	RF (fL to fU)	1		1500	MHz
	IF	1		1000	MHz
Conversion Loss	mid band		5.9	7.0	dB
	Total Range			9.0	dB
LO-RF Isolation	Low Range	40	60		dB
	Mid Range	20	40		dB
	Upper Range	17	28		dB
LO-IF Isolation	Low Range	45	60		dB
	Mid Range	25	45		dB
	Upper Range	20	38		dB
1 dB Comp. Input Power			+1		dBm

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

Mid Range = [10fL to fU/2]

Upper Range = [fU/2 to fU]

Non-hermetic

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

PIN CONNECTIONS	
LO	4
RF	2
IF	1
GROUND	3

Electrical Schematics

