

Non-Catalog Model

Frequency Mixer

TUF-2LHSM+

Level 10 (LO Power +10 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 : NNN150

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	50		1000	MHz
	RF (fL to fU)	50		1000	MHz
	IF	0		1000	MHz
Conversion Loss	mid band		5.2	7.0	dB
	Total Range			8.5	dB
LO-RF Isolation	Low Range	40	58		dB
	Mid Range	30	44		dB
	Upper Range	25	39		dB
LO-IF Isolation	Low Range	35	60		dB
	Mid Range	25	50		dB
	Upper Range	20	38		dB
1 dB Comp. Input Power			+5		dBm

Notes: Low Range = 50 to 100 MHz Mid Range = 100 to 500 MHz Upper Range = 500 to 1000 MHz
 mid band = 100 to 500 MHz

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	1
IF	2
GROUND	3

Electrical Schematics

