

## Non-Catalog Model

# Frequency Mixer

# TUF-11AH

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.



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

**CASE STYLE : B02**

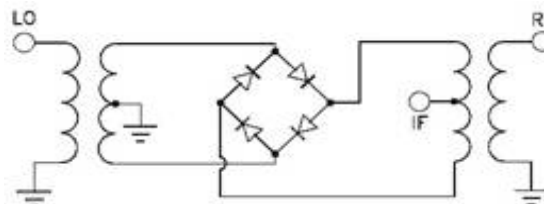
ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency	LO (fL to fU)	1400		1900	MHz
	RF (fL to fU)	1400		1900	MHz
	IF	40		500	MHz
Conversion Loss			7.3	9.0	dB
LO-RF Isolation		25	35		dB
LO-IF Isolation		15	30		dB
IP3 Input		+27.5	+30		dBm
1 dB Comp. Input Power			+14		dBm

**Notes:** IP3 : RF Power = 0 dBm @ 200 MHz & 202 MHz , LO Power = +17 dBm @ 180 MHz

Non-hermetic

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

### Electrical Schematics



PIN CONNECTIONS	
LO	4
RF	1
IF	2
GROUND	3