

RF:110-170 GHz,LO:11-17GHz,IF:DC-1.5GHz

Feature:

- Low LO Power Requirement
- Subharmonic Mixing
- Compact Package

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
RF频率 RF Frequency	110		170	GHz
LO频率 LO Frequency	11		17	GHz
IF频率 IF Frequency	DC		1.5	GHz
LO功率 LO Power	12	15	18	dBm
本振谐波次数 Harmonics		10		dBc
输入功率 Input power			0	dBm
输入端口驻波 RF VSWR		3.0		:1
单边带变频损耗 SSB Conversion Loss	22	26	35	dB

机械特性 Mechanical :

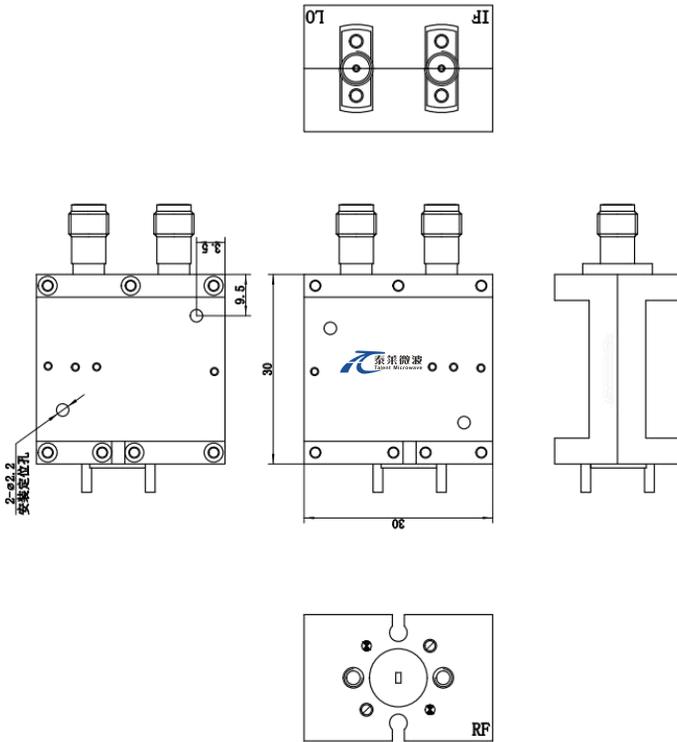
参数Parameter	指标 Value	单位Units
RF 接口RF Connector	WR-06/UG-387	
LO接口LO Connector	SMA Female	
IF接口 IF Connector	SMA Female	
尺寸 Size	28*25*20(不含接头)	mm
重量 Weight	200	g

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
RF 功率 RF Input Power	TBD
LO 功率 LO Input Power	18 dBm

外形尺寸 Outline Drawing:

Unit: mm



温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	0		+40	°C
存储温度 Non-operating Temperature	-25		+65	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50,000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

订货信息 Ordering Information: