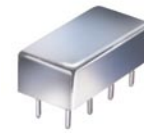


Non-Catalog Model

Voltage Controlled Oscillator

POS-2000



CASE STYLE: A06

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.

ELECTRICAL SPECIFICATIONS 50Ω				
Parameter	Min.	Typ.	Max.	Units
Frequency	1370		2000	MHz
Tuning Voltage	1.0		20	V
Power Output		+10		dBm
Phase Noise				
at 1 kHz offset		-70		dBc/Hz
at 10 kHz offset		-95		dBc/Hz
at 100 kHz offset		-115		dBc/Hz
at 1000 kHz offset		-135		dBc/Hz
Pulling at 12 dB _r PK-PK all phases		28		MHz
Pushing		1.5		MHz/V
Tuning Sensitivity		30-50		MHz/V
Harmonic Suppression		-11		dBc
3dB Modulation Bandwidth		1000		MHz
Supply Voltage		8		V
Supply Current			30	mA

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C
Absolute Max. Supply Voltage (V _{cc})	+10V
Absolute Max. Tuning Voltage (V _{tune})	+22V

PIN CONNECTIONS	
RF OUT	2
VCC	1
V-TUNE	8
GND EXT	3,4,5,6,7

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