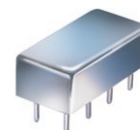


Non-Catalog Model

Voltage Controlled Oscillator

POS-1400+



CASE STYLE: A06
PRICE: Contact Sales Dept.

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.

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

ELECTRICAL SPECIFICATIONS 50Ω				
Parameter	Min.	Typ.	Max.	Units
Frequency	975		1400	MHz
Tuning Voltage	1		20	V
Power Output		13		dBm
Phase Noise				
at 1 kHz offset		-65		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 dBm PK-PK all phases		36		MHz
Pushing		1.5		MHz/V
Tuning Sensitivity		21-43		MHz/V
Harmonic Suppression		-11		dBc
3dB Modulation Bandwidth		1000		kHz
Supply Voltage		8		V
Supply Current			30	mA

MAXIMUM RATINGS	
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Absolute Max. Supply Voltage (Vcc)	+10V
Absolute Max. Tuning Voltage (Vtune)	+25V

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



ISO 9001 ISO 14001 AS 9100 CERTIFIED

The Design Engineers Search Engine



Provides ACTUAL Data Instantly at minicircuits.com

IF/RF MICROWAVE COMPONENTS

For detailed performance specs & shopping online see web site

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp.

REV. OR
M125710
POS-1400+
091229