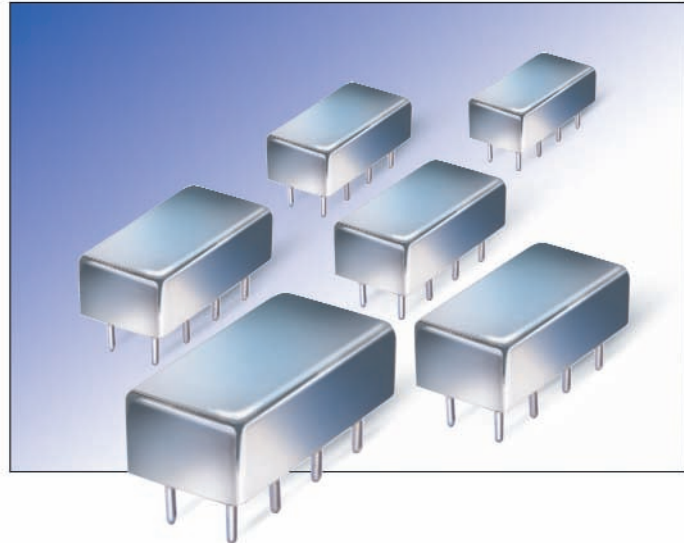


# VOLTAGE CONTROLLED OSCILLATORS

## Designer's Kit K-POS-3+

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
 THE SOLUTION!



### 750 to 2000 MHz

#### POS+ Features

- Wideband, 50  $\Omega$
- Linear tuning
- Low phase noise
- Plug-In package
- Welded metal case
- Hermetically sealed
- Low cost

**\$79<sup>95</sup>**  
*only* ea. kit (3 models, 2 of each, 6 total)

#### Kit K-POS-3+ Electrical specifications of each model

Model	Freq. (MHz)		Power Output (dBm)	Tuning Voltage (V)		Phase Noise dBc/Hz SSB at offset frequencies: Typ.				Pulling pk-pk @12 dBr (MHz)	Pushing (MHz/V)	Tuning Sensitivity (MHz/V)	Harmonics* (dBc)		3dB Modulation Bandwidth (MHz)	DC Operating Power	
	Min.	Max.	Typ.	Min.	Max.	1kHz	10kHz	100kHz	1MHz	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	V <sub>cc</sub> (Volts)	Current (mA) Max.
POS-1060+	750	1060	+12.0	1	20	-65	-90	-112	-132	50	3.0	18-32	-11	—	1.0	8	30
POS-1400A+	975	1400	+13.0	1	20	-65	-95	-115	-135	14	2.0	25-30	-16	—	4.0	8	30
POS-2000A+	1370	2000	+11.8	1	20	-73	-97	-117	-137	12	3.0	30-45	-24	-12	4.0	8	30

\*POS-1400A+ specified to 4<sup>th</sup> harmonic.



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 For quick access to product information see MINI-CIRCUITS CATALOG & WEB SITE

**RF/IF MICROWAVE COMPONENTS**