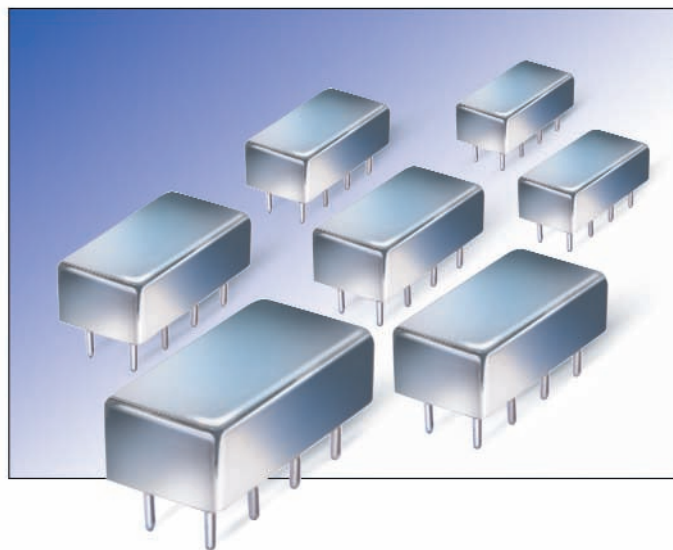


# VOLTAGE CONTROLLED OSCILLATORS

## Designer's Kit K-POS-2+

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



### 25 to 1025MHz

#### POS+ Features

- Wideband, 50Ω
- Octave & near octave bandwidths
- Linear tuning
- Low phase noise
- Excellent harmonic suppression
- Plug-In package
- Tough metal case
- Hermetically sealed
- Low cost



All models are  
RoHS compliant

**\$79<sup>95</sup>**  
 only *ea. kit (7 models, 1 of each, 7 total)*

#### Kit K-POS-2+ 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.
POS-50+	25	50	+8.5	1	16	-88	-110	-130	-150	0.06	0.04	2.0-2.6	-19	-12	0.1	12	20	
POS-100+	50	100	+8.3	1	16	-83	-107	-130	-150	0.60	0.20	4.2-4.8	-23	-18	0.1	12	20	
POS-200+	100	200	+10.0	1	16	-80	-102	-122	-142	1.00	0.20	7.1-8.6	-24	-20	0.1	12	20	
POS-400+	200	380	+9.5	1	16	-76	-98	-120	-140	1.80	0.30	13.7-16.9	-28	-20	0.1	12	20	
POS-535+	300	525	+8.8	1	16	-70	-93	-116	-139	2.00	0.40	10.5-24.0	-26	-20	0.1	12	20	
POS-765+	485	765	+9.5	1	16	-61	-85	-108	-129	5.00	0.40	18.0-27.0	-21	-17	0.1	12	22	
POS-1025+	685	1025	+9.0	1	16	-65	-84	-104	-124	5.00	0.60	21.0-36.0	-23	-18	0.1	12	22	



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**