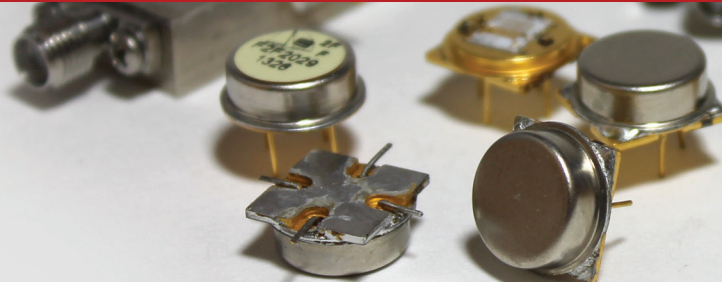


### Features

- Low Phase Noise
- Low Tuning Voltage Range
- Custom Options (Upon Request)

### Applications

- Bipolar Transistor
- Hyperabrupt Varactor
- Output Buffered



### Performance Specifications

PARAMETER	LOWER LIMIT (Min)	UPPER LIMIT (Max)	UNITS
Frequency Range	700	1100	MHz
Tuning Voltage Limits	1.0	15.0	Volts
Power Output	10	14	dBm
Power Output Flatness (+/-)		2.0	dB
Modulation Sensitivity			MHz/V
Modulation Sensitivity Ratio		2.5	(x:1)
Frequency Drift vs Temperature			
Spurious	60		dBc
Harmonics	10		dBc
Pulling 12 dB Return Loss		10	MHz
Pushing		10	MHz
Modulation Bandwidth	20		MHz
Phase Noise			
10 kHz		-90	dBc/Hz
100 kHz		-115	dBc/Hz
Supply Voltage		12	Volts
Supply Current		100	mA

### Environmental Specifications

PARAMETER	VALUE	OPTIONS
Operating Temperature	-20 to +75 degC	-45 to +85 deg C

### Absolute Maximum Ratings

PARAMETER	MAX VALUE
STORAGE TEMP. RANGE	-55 to +125 deg C
Supply Voltage	+15 Volts

