

IO 27



VCTCXO Voltage Controlled Temperature Compensated Crystal Oscillator

Dimensions l/w/h (max)	7,2 mm x 5,2 mm x 2,0 mm
Frequency range	10,0 MHz to 30,0 MHz
Operating temperature	Refer to Ordering Guidance
Storage temperature	-40°C to +85°C
Frequency Tolerance (Vcon=1,5 V)	± 2,0 ppm max at 25°C
Power supply voltage	3,0 V
Frequency Stability	
Over Temperature Range	±2,0 ppm
Over Supply Voltage Change (±5%)	±0,2 ppm
Over Load Change	±0,2 ppm
VCON Frequency Control Range (1.5±1,0 V)	±9 ~ ±16 ppm / V
Start up Time (90% of final RF level in Vp-p)	3,0msec max.
Harmonics	-7,0dBc max.
SSB Phase Noise (at 1 KHz Carrier Offset)	-130dBc/Hz max.
Aging	±1 ppm

