

YSGM111308 VCO Module



Voltage Controlled Oscillator

YSGM111308



- ✓ 7mm×9mm SMT Packaged
- ✓ a resonator of high frequency stability
- ✓ a varactor diode of high-precision
- ✓ a buffer amplifier

FEATURES

Standard Frequency Range: 1100 ~ 1350MHz@
VT=0.5V ~ 4.5V

Pout: ≥10dBm (VCC=5V)

Ripple: ±0.5dB

Supply Voltage(VCC): 3~6V

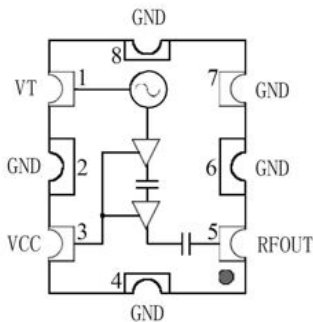
Supply Current: 18mA

Harmonic Suppression(2nd): ≤-20dBc

Harmonic Suppression(3rd): ≤-30dBc

No External Components Needed

7mm×9mm×2mm SMT Package

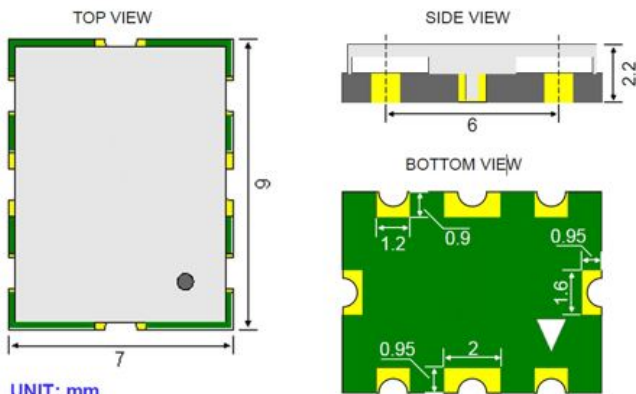


ELECTRICAL SPECIFICATIONS

Absolute Maximum Ratings

Tune Voltage	0V ~ 5V
Supply Voltage	3V ~ 6V
Operating Ambient Temperature	-30°C~ +85°C
Storage Temperature	-40°C~ +150°C
Relative Humidity	<80% RH
Atmospheric Pressure	85KPa~ 106KPa

OUTLINE DRAWING



UNIT: mm

TOLERANCE: ±0.1mm

APPLICATION

- Gps navigation L2 band signal generation
 - Beidou Navigation B3 band signal generation
 - Other GNSS signals of similar frequency bands
- are generated maecenas accumsan lacus vel facilisis.

TYPICAL PERFORMANCE

