

LMOC3502 Series

Oven Controlled Crystal Oscillator

- HCMOS Output
- 5.0V Supply Voltage
- Over Temperature Stability down to ± 0.1 ppm
- Wide Temperature Range up to -30°C to 70°C

ELECTRICAL SPECIFICATIONS

Frequency Range	10MHz to 64MHz
Frequency vs. Temperature	± 0.15 Typical ± 0.2 Max
Operating Temperature	-40°C to $+85^{\circ}\text{C}$
Frequency Adjustment	± 5.0 ppm
Temperature Range	-30°C to $+70^{\circ}\text{C}$
Supply Voltage	$+5.0V_{\text{DC}} \pm 10\%$
Warm up Current	700mA Typ
Steady State Current	500mA Typ
Output Level 1	$V_{\text{OH}}: V_{\text{CC}} - .5V$
Output Level 2	$V_{\text{OL}}: 0.25$
Load	15pF
Phase Noise	-120 dBc Typ -115 Max
Aging 1 st year	± 0.5 ppm
Aging 10 years	± 3.0 ppm

PART NUMBERING GUIDE

LMOC3502 _ _ - **25.000MHz**

OCXO Series

Frequency

Pin 1 Option

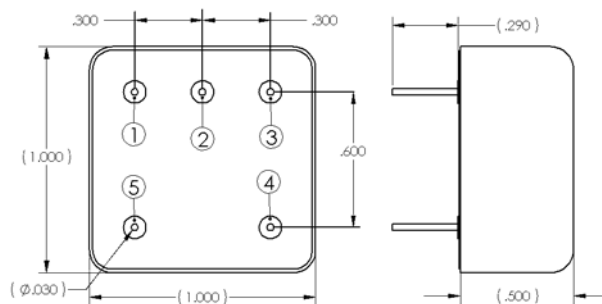
Blank - Pin 1

2 - Pin 2 (in some series)

PIN CONFIGURATION

PIN	FUNCTION
1	V_{CC}
2	Output
3	GND / Case
4	V_{C}
5	V_{REF}

PACKAGE DIMENSIONS



General Electronic Devices

320 So. Pacific St. San Marcos, CA 92069 Tel: (760) 591-4170 Fax: (760) 591-4164 Email: gedlm@4dcomm.com Website: www.gedlm.com