

## Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 USA TEL: 1-281-870-8822 EMAIL:Sales@DynamicEng.com

#### Features and Benefits

SMD 7mm x 5mm size Less than ±50ppm high stability Extended operating temperature over -40°C to +85°C Less than 30mA max. HCMOS output

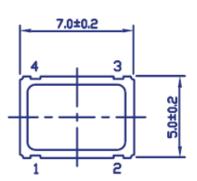
## **Typical Applications**

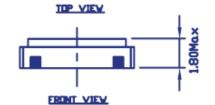
Clock reference Automobile

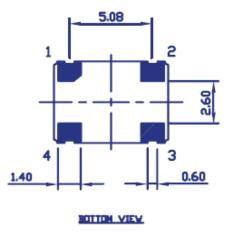
#### **Description**

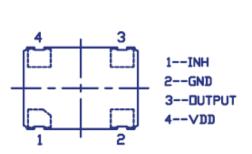
HCMOS clock oscillator in standard 5 x 7 mm SMD ceramic package for automotive applications

#### **Mechanical Drawing & Pin Connections**





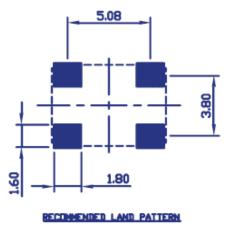




LC+) \$\$5!&) A < n!5

SMD 7 mm x 5 mm high stability XO

INH	'H' Or Open	"L" (Standby)
DUTPUT	Enable	High Impedance



automotive applications

Drawing No:

MD160066-1

Rev.1

Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and graphs without notification to potential customers who may have earlier revisions in their possession.



# Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 USA TEL: 1-281-870-8822 EMAIL:Sales@DynamicEng.com

### **Specifications**

Frequency	Value
Nominal Frequency	25.00 MHz
Frequency Stability @ 25°C	±50 ppm
Operating Temperature	-40 to +85°C
Operable Temperature Range	-55 to +125°C
Output Waveform	HCMOS
Output Symmetry	40 ~ 60% (at 50% V <sub>DD</sub> )
Rise / Fall Time	6ns Max
"High" Output Voltage	90% V <sub>DD</sub> Min
"Low" Output Voltage	10% V <sub>DD</sub> Max
Output Load	50 pF
Tri-State	Yes
Aging	5 ppm / year Max
Supply Voltage	3.3 V ±10%
Current Consumption	30 mA max