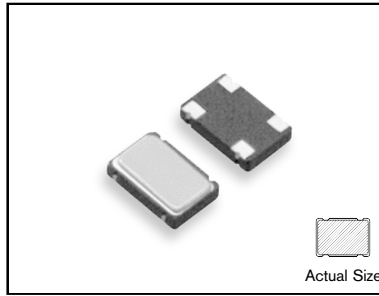


FMOC1S SERIES

1.8 Vdc Clock Oscillators

CERAMIC SMD 5x7



- Miniature, Low Profile
- 1.8 Vdc Supply Voltage
- HCMOS/TTL Compatible
- Low Current Consumption



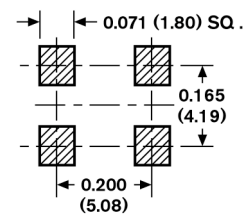
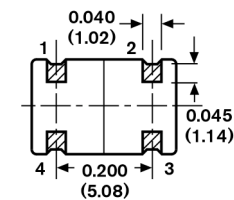
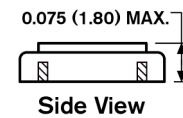
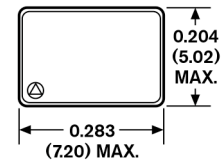
SPECIFICATIONS

09 - Issue 3 - 111609

Parameter	Specification
Frequency Range	1.544 to 125 MHz
Overall Frequency Tolerance	±25 ppm to ±100 ppm (Inclusive of Operating Temp., Supply Voltage, & Load)
Operating Temperature Range	0 to +70°C Std., -40 to +85°C Avail. (See Spec. Option E)
Storage Temperature	-55 to +125°C
Supply Voltage (Vdd)	+1.8 Vdc (±0.3 Vdc)
Supply Current (Icc)	4 mA max. @ 1.544 to 35.9 MHz 7 mA max. @ 36.0 to 49.9 MHz 10 mA max. @ 50.0 to 79.9 MHz 20 mA max. @ 80.0 to 125.0 MHz
Symmetry (Duty Cycle)	40/60% Std., 45/55% Avail. (See Spec. Option S)
Output "0" Level (VOL)	0.4 Vdc max. (TTL) 0.4 Vdc max. (HCMOS)
Output "1" Level (VOH)	.4 Vdc min. (TTL) 2.7 Vdc min. (HCMOS)
Rise and Fall Time	4 ns max. (1.544 to 35.9 MHz) 2.5 ns max. (36 to 125 MHz)
Jitter	1.5 pSec RMS max.
Start Time	10 ms max. < 5 ms typical
Output Load	2 TTL / 15 pF HCMOS
Pin 1 Options (See Spec. Option T below)	No Connect (Std.) Tri-State (option T) VIH: 2.2 V or Open Enables Output VIL: 0.8 V Disables Output Output Disable/Enable Time: 100 nS max.
Aging @ 25°C	±5ppm max first year

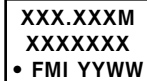
All specifications subject to change without notice.

CERAMIC SMD



Recommended Land Pattern

STANDARD MARKING



XXX.XXXM FREQUENCY in MHz
XXXXXXX Part Number
Pin 1 Symbol, FMI, Date Code

PIN FUNCTION TABLE

Pin	Function
1	NC or Tri-State
2	Case Ground
3	Output
4	Supply Voltage (Vdd)

Standard Specifications for product indicated in color

Dimensions: Inches
(mm)

PART DESCRIPTION SYSTEM

