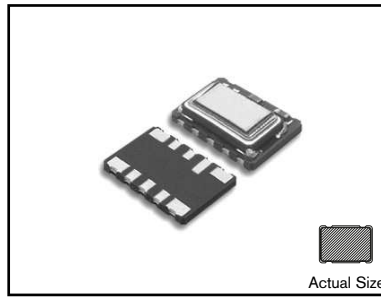


FMVTC5S SERIES

5.0 Vdc VCTCX0

Ceramic SMD 5x7



- Miniature, Low Profile
- Clipped Sinewave
- 5.0 Vdc Supply Voltage
- Excellent Stability

SPECIFICATIONS

09 - Issue 2 - 020309



Parameter	Specification
Frequency Range	10 MHz - 26 MHz
Operating Temperature Range	0 to +70°C Std.; to -40°C to +85°C
Frequency Stability	±0.5 ppm to ±5 ppm (±50 ppm STD)
Frequency Stability	Vs. Supply Voltage (±5%) Change: ±0.2 ppm Vs. Load (±10%) Change: ±0.2 ppm Vs. Aging: ±1 ppm per year
Storage Temperature	-55 to +125°C
Supply Voltage (Vdd)	+5.0 Vdc (±0.5 Vdc)
Supply Current (Icc)	1.5 mA max @ 10 to 15 MHz 2.0 mA max @ 15 to 26 MHz
Symmetry (Duty Cycle)	40/60%
Output Level	Clipped Sinewave, 0.8 Vp - p min
Output Load	10KΩ//10pF
Phase Noise (typical)	100 Hz -115dBc/Hz 1kHz -135dBc/Hz 10kHz -148dBc/Hz
Start Time	2 mSec max.
Pullability	Pulling Options ±5 ppm, ±8 ppm, ±10 ppm

All specifications subject to change without notice.

STANDARD MARKING

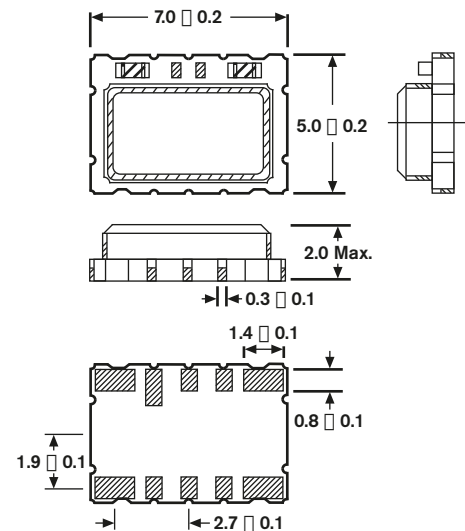
FMI XX.XXX

XX.XXX FREQUENCY in MHz

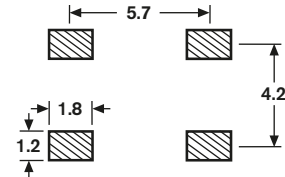
PIN FUNCTION TABLE

Pin	Function
1	VCON
2	N/C
3	N/C
4	N/C
5	GND
6	Output
7	N/C
8	N/C
9	N/C
10	VDD

CERAMIC SMD



Recommended Land Pattern



Standard Specifications for product indicated in color

Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$

PART DESCRIPTION SYSTEM

FMVTC5S 10 C G A S / L - XX.XXXXXXM - CM									
Product Family		Min. Pullability		Max. Pullability		Temp. Range		Frequency (MHz)	
HCMOS/TTL Compatible 5.0 Vdc VCXO Ceramic SMD		A +1-50 ppm B ±75 ppm C ±100 ppm D ±125 ppm E ±150 ppm X Custom Z No Spec.		C ±100 ppm D ±125 ppm E ±150 ppm F ±175 ppm G ±200 ppm X Custom Z No Spec.		A 0 to 70 °C B -20 to 70 °C C -40 to 85 °C D -10 to 50 °C E -10 to 60 °C F -30 to 60 °C J 0 to 50 °C X Custom		Options GW- Gull Wing JL - J-Lead PD - Parameter Data CM - Custom Mark BLANK - None Req'd.	
Overall Frequency Tol.								Spec. Options	
05 = ± 0.5 ppm 10 = ± 1.0 ppm 15 = ± 1.5 ppm 20 = ± 2.0 ppm		25 = ± 2.5 ppm 30 = ± 3.0 ppm 40 = ± 4.0 ppm 50 = ± 5.0 ppm						S - Tight Symmetry (45/55%) Duty Cycle L - Linearity ±10% Max. BLANK- None Required (Std.)	