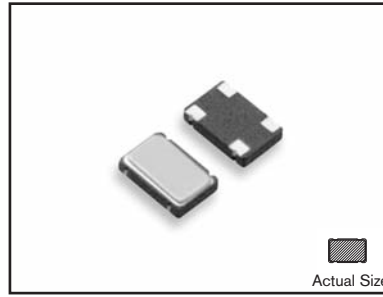


# FMVC5S3 SERIES

5.0 Vdc VCXO

CERAMIC SMD 3.2x5



- Miniature, Low Profile
- 5.0 Vdc Supply Voltage
- HCMOS/TTL Compatible
- Tape and Reel Available

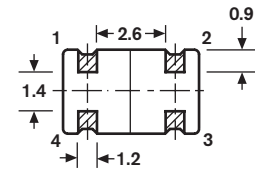
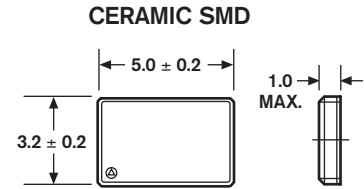


## SPECIFICATIONS

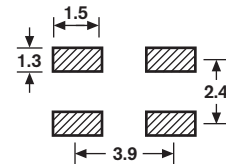
09 - Issue 2 - 021209

Parameter	Specification
Frequency Range	4 - 70 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.
Storage Temperature	-55 to +125°C
Supply Voltage (Vdd)	+5.0 Vdc (±0.5 Vdc)
Supply Current (Icc)	20 mA max. @ 4 to 23.9 MHz 40 mA max. @ 24.0 to 49.9 MHz 50 mA max. @ 50.0 to 70.0 MHz
Symmetry (Duty Cycle)	40/60% Std., 45/55% Avail. (See Spec. Option S)
Output "0" Level (VOL)	0.4 Vdc max. (TTL) 0.5 Vdc max. (HCMOS)
Output "1" Level (VOH)	2.4 Vdc min. (TTL) 4.5 Vdc min. (HCMOS)
Rise and Fall Time	3 ns max. < 5 ns typical
Jitter	Absolute: ±100 pSec Max One Sigma: ±25 p Sec Max
Start Time	10 ms max. < 5 ms typical
Output Load	10 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.



### Recommended Land Pattern



### STANDARD MARKING

XXX.XXXM  
• FMI YYWW

XXX.XXXM FREQUENCY in MHz  
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: millimeters

## PART DESCRIPTION SYSTEM

FMVC5S3 00 A S / T - XX.XXXXXXM - CM

