SSI Series - 5 x 7 Spread Spectrum Clock Oscillator

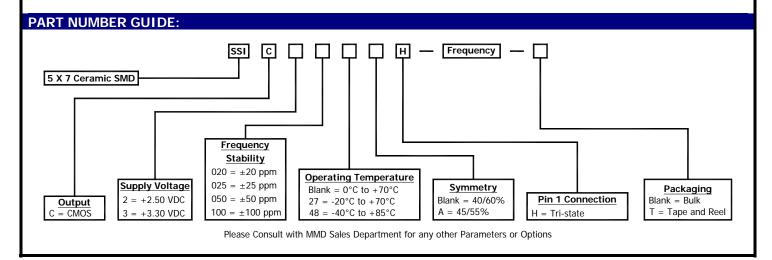


- Wide Frequency Range
- Direct Drop-in Replacement
- > EMI Reduction Oscillator
- > RoHS Compliant
- > Tape and Reel Available



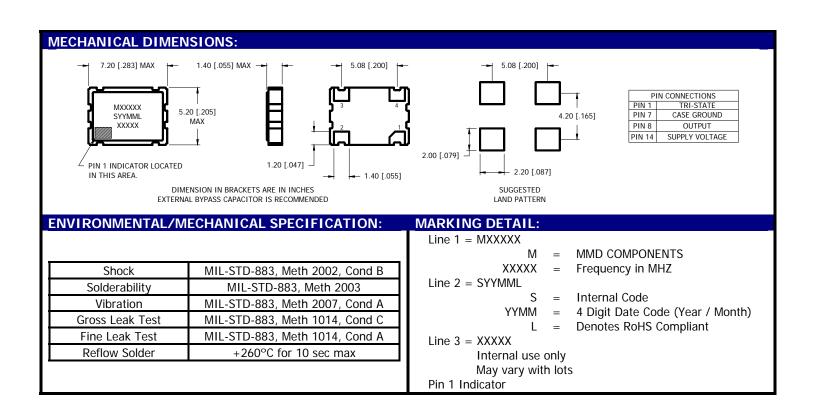
ELECTRICAL SPECIFICATION:

Frequency Range		13 000MH7 to	0 160.000MHZ			
	Center Spread	±0.125% to ±2.00%				
Spread Spectrum Modulation	Down Spread	-0.250% to -4.00%				
Tomporature Stability (Inclusive		-0.23076	10 -4.00 %			
Temperature Stability (Inclusive of $+25^{\circ}\text{C} \pm 3^{\circ}\text{ C}$ and Operating Temperature)		(See Part Number Guide for Options)				
Operating Temperature Range (See Part Number G		Guide for Options)				
Storage Temperature Range		-55°C to +125°C				
Supply Voltage (Vdd)		+2.50 VDC ±5%	+3.30 VDC ±5%			
	13.000MHZ to 49.999MHZ	20 mA max	20 mA max			
Supply Current	50.000MHZ to79.999MHZ	20 IIIA IIIax	25 mA max			
Supply Current	80.000MHZ to 99.999MHZ	25 mA max	30 mA max			
	100.000MHZ to 160.000MHZ	30 mA max	40 mA max			
Output Type	utput Type		CMOS			
Symmetry (50% of waveform)		(See Part Number	nber Guide for Options)			
	13.000MHZ to 49.999MHZ	5.0 nSec	10.0 nSec			
Rise/Fall Time (10% to 90% of	50.000MHZ to79.999MHZ	5.0 fisec	8.0 nSec			
Supply Voltage)	80.000MHZ to 99.999MHZ	4.0 nSec	5.0 nSec			
	100.000MHZ to 160.000MHZ	3.0 nSec	4.0 nSec			
Load	Load		15pF 50pF max			
Aging			1.0 ppm each year after			
Voh = 70% of Vdd min or No Conne Tri-state Operation Vol = 30% max or grounded to I Impedance)		connection to Enable Output I to Disable Output (High				



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In the event of conflict, the requirements of this spec	F	Revision:	SSIC020509 A	
Revisions only with customer approval	1 of 2	Release: AWB	Date:	02/06/09



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