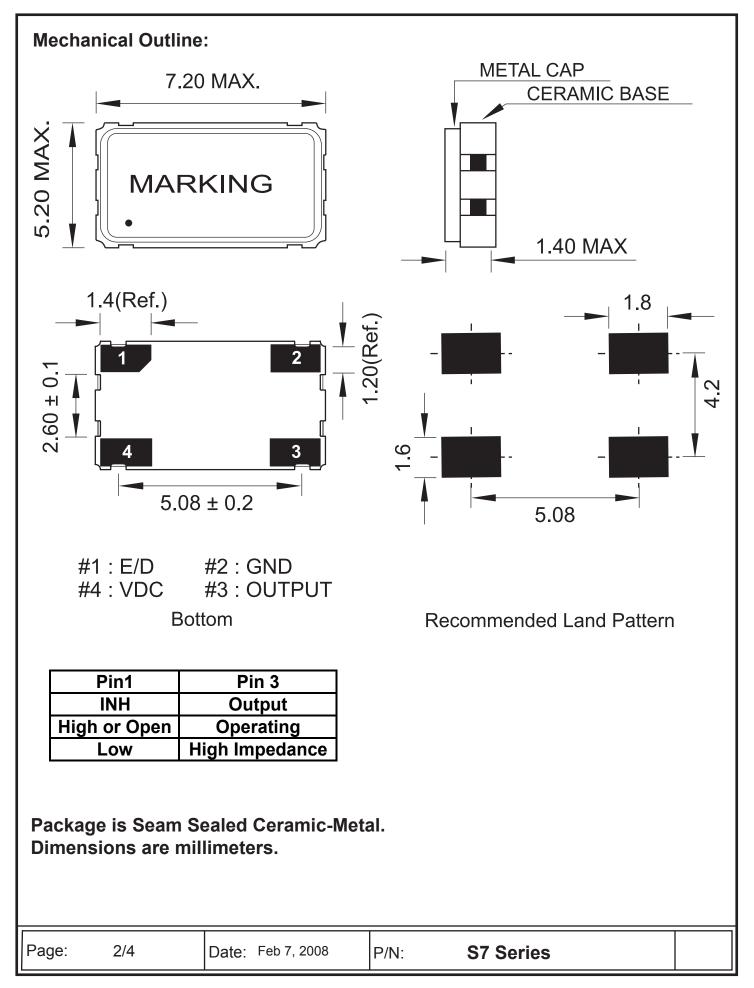
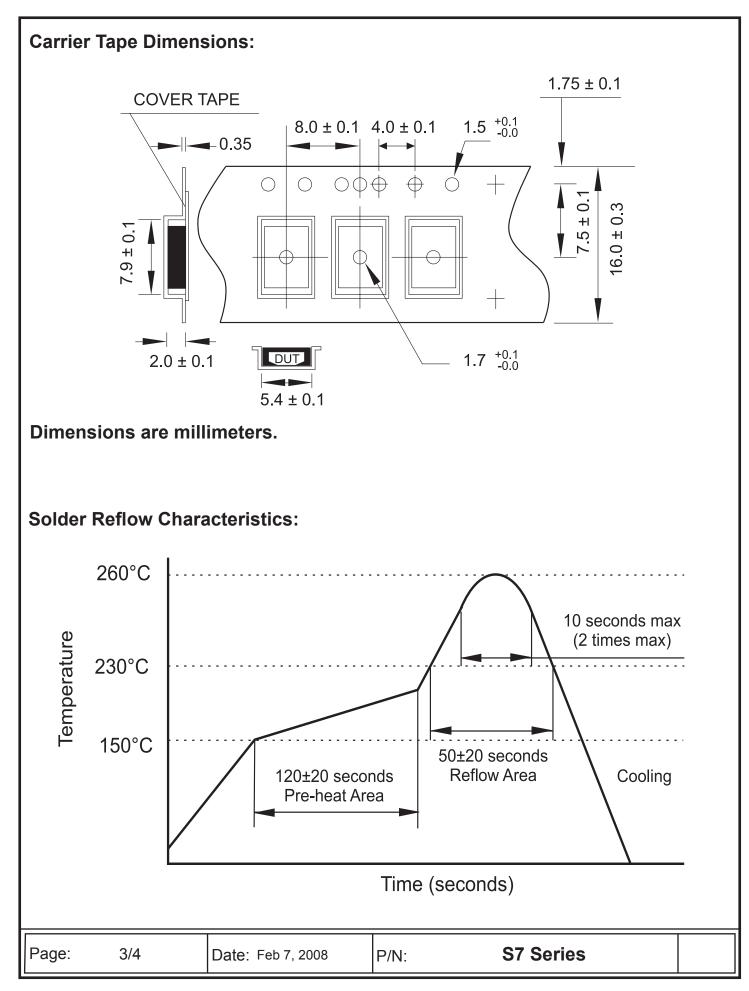
Dello Compliant	Ltr	Revisions					ate App			
RoHS Compliant										
Pb - Lead Free										
Electrical Specification	IS:									
Frequency Range				0.	.500 to 156	.000		MHz		
Temperature Stability					±100					
					±50					
Temperature Stability					±30			PPM	PPM Max	
					±25					
Aging per Year					±3					
Operating Tomporature Bango		Standard			-10 to +7	0				
Operating Temperature Range Extended			-40 to +85					°C		
Storage Temperature Range			-55 to +125							
Supply Voltage			1.8 ± 5%	2.5 ± 5%	2.85 ± 5%	3.3 ± 10%	5.0 ± 10%	V	dd	
	1.00	0 to 32.000 MHz	7	8	15	7	25			
	32.10	0 to 50.000 MHz	15	20	20	12	30	mA Max		
nput Current	50.10	0 to 70.000 MHz	15	12	25	25	40			
input Current	70.10	0 to 80.000 MHz	15	20	30	25	50			
	80.100	to 125.000 MHz	20	25	35	30	60			
	125.100	to 156.000 MHz	25	30	40	40	80			
Dutput Voltage	L	ogic High (Voh).		9	0% (80% at	: 1.8)	Vdd Min		Min	
		Logic Low (Vol)	10% (20% at 1.8)					Vdd	Max	
Output Symmetry		Standard	40 to 60					%		
		Tight	45 to 55					70		
			15							
Output Load			30					pF Max HCMOS		
	•		50							
	1.00	0 to 32.000 MHz		5	6	10	10			
		0 to 50.000 MHz	-	5	6	10	5	ns Max		
Rise and Fall Time		0 to 70.000 MHz		4	4	6	5		Max	
		0 to 80.000 MHz		4	4	5	5			
		to 125.000 MHz	-	3	4	5	4			
	125.100	to 155.520 MHz	3	3	3	4	4			
Phase Jitter (12 KHz to 20 MHz)			1					ps Ma	x RMS	
Enable-Disable Function			Tri-State						-	
Output Disable Time			300 150					Max		
Output Enable Time			10 10					Мах		
Start Up Time					10			ms	Max	

Temperature stability is Inclusive of all conditions: Calibration Tolerance at +25°C, frequency stability over the operating temperature range, supply voltage, supply voltage change, output load changes, shock, vilbration, and 1st year aging at +25°C.

Accurate Kinetic Energy 11-3 Chien-Kuo Rd T.E.P.Z. 4027 Taiwan, ROC All dimensions are millimeters. CAD: TCR Review: EG	Specification Title: Clock Oscillator Low Profile 5.0 x 7.0 millimeter Surface Mount General Product Specification	
Аррг: мк Page: 1/4 Date: Feb 7, 2008	Part Number: S7 Series	





How	to	build	а	Part	Number:
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Corioo	c	Doromotor						
Series	S	Parameter						
Package	7	5.0 x 7.0 mm						
	50	+5.0 Vdd ± 10%						
	33	+3.3 Vdd ± 10%						
Supply Voltage	28	+2.8 Vdd ± 5%						
	25	+2.5 Vdd ± 5%						
	18	+1.8 Vdd ± 5%						
Temperature Stability	10	±100 PPM						
	05	±50 PPM						
	03	±30 PPM						
	025	±25 PPM						
Duty Cycle	See Notes	40 / 60 %						
Duty Cycle	Т	45 / 55 %						
	-							
Frequency	0.500 to 156.000	MHz						
	-							
Tomporature Dance	See Notes	-10 to +70 °C						
Temperature Range	Х	-40 to +85 °C						
	15	pF Max HCMOS						
Output Load	30							
-	50							
	-							
Packaging	R	Tape and Reel						

Part Number Example:

S73305T-50.000-X-15-R

S7: 5.0 x 7.0 mm SMD Package

33: +3.3 Vdd Supply Voltage

05: ±50 PPM Temperature Stability

T: 45/55% Tight Symmetry

50.000 MHz Nominal Frequency

X: -40 to + 85° C Extended Temperature Range

15: 15 pF Max HCMOS Output Load

R: Tape and Reel Packaging

Notes:

1- Standard Duty Cycle and Temperature Range do not need to be included in Part Number description.

2- Product is shipped in Tape and Reel configuration. Each reel contains 1000 pieces.

3- Quantities less than 1000 are shipped bulk in ESD pouches.

4- Specification subject to change without notice.

Page:	4/4	Date: Feb 7, 2008	P/N:	S7 Series	
raye.	4/4		P/N:	S7 Series	