

ASO7 CMOS Compatible

7x5mm Surface Mount Ceramic Crystal Oscillator



Applications:

- SD Card
- Portable Multimedia Player
- Consumer Electronics
- HDD
- OA Terminal
- CCD
- Digital Camera
- Wireless LAN

FEATURES

- Seam Seal
- Excellent Solderability
- Tri-State
- CMOS Compatible
- Low Power Consumption
- RoHS/REACH Compliant

SPECIFICATION

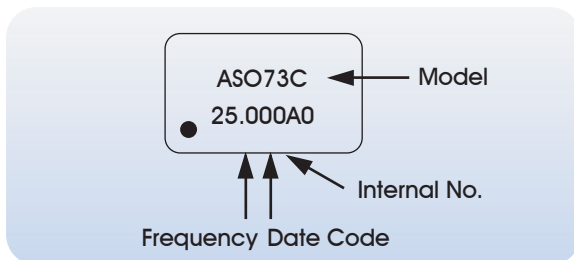
MODEL		ASO71C	ASO72C	ASO73C	ASO7xC
Frequency Range	MHz	0.500 ~ 156.250			0.500 ~ 40.000
Frequency Stability*	ppm	±20 ~ ± 100			
Temperature Range					
Operating Temp	°C	-40 to +125 or Specify			
Storage Temp	°C	-55 to + 125			
Power Supply Voltage	VDC	+1.8 ± 5%	+2.5 ± 5%	+3.3 ± 10%	+1.62 ~ +3.63
Output Level		CMOS			
Output Symmetry	%**	40 ~ 60 (at 50% VDC)			
Input Current					
0.5~9.99MHz	mA (Max)	5	6	7	7
10~19.99MHz		6	7	7	7
20~31.99MHz		6	8	12	12
32~49.99MHz		15	20	20	20
50~79.99MHz		15	20	25	
80~99.99MHz		20	25	30	
100~156.25MHz		25	30	40	
Rise / Fall Time					
0.5~31.99MHz	nS (Max)	5	5	10	10
32~49.99MHz		5	5	10	10
50~79.99MHz		4	4	8	
80~99.99MHz		3	3	5	
100~156.25MHz		3	3	4	
Output Load		15pF (30pF) (Max)			
Aging	ppm/Year	±3			

* Inclusive of 25°C±3°C& Operating Temperature Range. ** Symmetry of 45~55% is available.

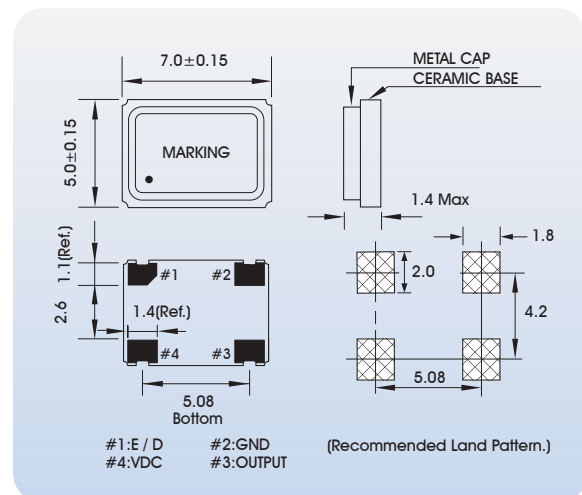
ENABLE / DISABLE FUNCTION

Pin#1	Pin#3
HIGH (Open)	Output
Low	High impedance

MARKING RULE



DIMENSION (mm)



The Netherlands



Elektrostraat 17
NL-7483 PG Haaksbergen

T: +31 (0)53 573 33 33
F: +31 (0)53 573 33 30
E: nl@texim-europe.com

Belgium



Zuiderlaan 14 bus 10
B-1731 Zellik

T: +32 (0)2 462 01 00
F: +32 (0)2 462 01 25
E: belgium@texim-europe.com

UK & Ireland



St. Mary's House, Church Lane
Carlton Le Moorland
Lincoln LN5 9HS

T: +44 (0)1522 789 555
F: +44 (0)845 299 22 26
E: uk@texim-europe.com

Germany North



Bahnhofstrasse 92
D-25451 Quickborn

T: +49 (0)4106 627 07-0
F: +49 (0)4106 627 07-20
E: germany@texim-europe.com

Germany South



Martin-Kollar-Strasse 9
D-81829 München

T: +49 (0)89 436 086-0
F: +49 (0)89 436 086-19
E: germany@texim-europe.com

Austria



Warwitzstrasse 9
A-5020 Salzburg

T: +43 (0)662 216 026
F: +43 (0)662 216 026-66
E: austria@texim-europe.com

Nordic region



Sdr. Jagtvej 12
DK-2970 Hørsholm

T: +45 88 20 26 30
F: +45 88 20 26 39
E: nordic@texim-europe.com

Italy



Via Matteotti 43
IT-20864 Agrate Brianza (MB)

T: +39 (0)39 971 3293
F: +39 (0)39 971 3293
E: italy@texim-europe.com

General information



info@texim-europe.com
www.texim-europe.com