

Oscillator (CMOS/LVPECL/LVDS/HCSL Output)

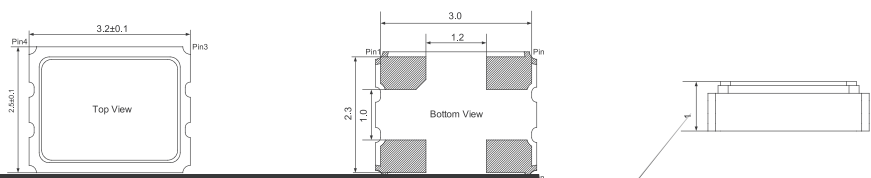
XO3225

3.2 x 2.5 mm SMD
Crystal Oscillator

FEATURES

- Typical 3.2 x 2.5 x 1.0mm Ceramic SMD Package
- Tight Symmetry (45 to 55%) Available
- Operation Voltage: 1.35-5.5V
- Tri-State Enable/Disable Operation

DIMENSIONS



3.3V		2.5V		1.8V		Unit
Min.	Max.	Min.	Max.	Min.	Max.	
VDD-5%	VDD+5%	VDD-5%	VDD+5%	VDD-5%	VDD+5%	V
1	125	1	125	1	125	MHz
24, 26, 30, 40						MHz
—	25	—	25	—	20	mA
—	1.0	—	1.0	—	0.75	mA
—	1.0	—	1.0	—	0.75	mA
—	1.3	—	1.3	—	1.0	mA
—	6	—	6	—	3	mA
45	55	45	55	45	55	%
2.97	—	2.25	—	1.62	—	V
—	0.33	—	0.25	—	0.18	
—	3	—	4	—	5	
—	3	—	3	—	4	
—	3	—	3	—	4	
—	3	—	3	—	4	nSec
—	2	—	2	—	2	mSec
2.31	—	1.75	—	1.26	—	V
—	0.99	—	0.75	—	0.54	
15		15		15		pF
—	10	—	10	—	10	uA
—	20	—	20	—	20	uA
—	±3	—	±3	—	±3	ppm
-55	125	-55	125	-55	125	°C
—	40	—	40	—	40	pSec
—	1	—	1	—	1	pSec

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FREQ. STABILITY vs. TEMP. RANGE

Temp.(°C)	ppm	±20	±25	±50
-10 ~ +60		○	○	○
-20 ~ +70		△	○	○
-40 ~ +85		×	○	○

*○: Available △: Condition X: Not available

*Inclusive of calibration @ 25 °C, operating temperature range, input voltage variation, load variation, aging (1st year), shock, and vibration.

Note: not all combination of options are available. Other specifications may be available upon request.
Specifications subject to change without notice.