



V2500

VCXOs

V2500 Series VCXO

Metal Can, SMD



Features:

◆ Metal Can Lid

◆ PCB SMD Package

Model: V2500 Series Specifications

Parameter	Unit	3.3V		2.5V		3.3V		2.5V	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Frequency Range	MHz	1.50	200.00	1.50	200.00	1.50	200.00	1.50	200.00
Operating Temperature Range	°C	See Table							
Frequency Stability	ppm	See Table							
Supply Current									
1.5MHz to 65MHz	mA	-	75	-	75	-	45	-	45
65MHz to 200MHz	mA	-	100	-	100	-	80	-	80
Load	pF								
Frequency Range		PECL				LVDS			
Output Levels									
Output High (CMOS)	V	90%		90%		90%		90%	
Output Low (CMOS)	V	10%		10%		10%		10%	
Transition Times (Rise/Fall)	ns	-	1	-	1	-	1	-	1
Linerarity	%	-	10	-	10	-	10	-	10
Control Voltage	V	0.3	3	0	2.5	0.3	3	0	2.5
Frequency Deviation (Pin 1)	ms	±50	-	±50	-	±50	-	±50	-
Aging	ppm	±3.0ppm/ per year							
Startup Time	ms	-	3	-	3	-	3	-	3
Storage Temperature	°C	-55 to +125							
Tri-state		Pin 2 or Pin 5							
Enable	V	-	0.30	-	0.30	-	0.30	-	0.30
Disable	V	0.70	-	0.70	-	0.70	-	0.70	-

VCXO: V2500 Surface Mount VCXO

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Temperature	Stability
0 to 70°C	±25, ±50, ±100
-40 to 85°C	±50, ±100

