

Travelling Merchant: \_\_\_\_\_

# DATASHEET

Standard: OS756-C619-200.00MHz

Plot			The Label
Drew	Audited	Approved	Stamp, please! Thanks!
Date:			

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## 1、Electrical Parameters

MODEL: OS756-C619-200.00MHZ						
No.	Parameters	Electrical Spec.				Condition
		Min.	Typ.	Max.	Units	
1	Nominal Frequency	200.00			MHz	
2	Oscillation Mode	PLL				
3	Frequency Stability	-50		+50	ppm	Note 1
4	Operating Temperature Range	-40	-	85	°C	
5	Storage Temperature Range	-55	~	125	°C	
6	Supply Voltage	2.97	3.3	3.63	V	
7	Current Consumption	-	-	99	mA	RL=50Ω to VDD-2V
8	Enable Control	Yes			-	Internal Pull Up
9	Current Consumption(Standby)	-	-	70	mA	OE=Low
10	Output Type	LVPECL				
11	Output Load	50			Ω	
12	Output Voltage High	VDD-1.025		VDD-0.88	V	
13	Output Voltage Low	VDD-1.81		VDD-1.62	V	
14	Rise Time	-	-	1	ns	20% ~ 80% Output Swing
15	Fall Time	-	-	1	ns	80% ~ 20% Output Swing
16	Symmetry	45	50	55	%	
17	Start-up Time	-	-	10	ms	To 90% of Final Amplitude
18	Enable Voltage High	70%VDD	-	-	V	Note 2
19	Disable Voltage Low	-	-	30%VDD	V	Note 2
20	Aging	±3			ppm/yr.	1st. Year at 25°C
21	Output Disable Delay Time	-	-	500	μS	
22	Output Enable Delay Time	-	-	500	μS	
23	Phase Jitter	-	-	1	pS	12K ~ 20MHz
24	Drop Test	75 cm height, fall freely onto concrete floor 3 times.				JIS C6701
25	Mechanical Shock	Device are shocked to half sine wave ( 1000 G ) three mutually perpendicular axes each 3 times. 0.5m sec. duration time				MIL-STD-202F

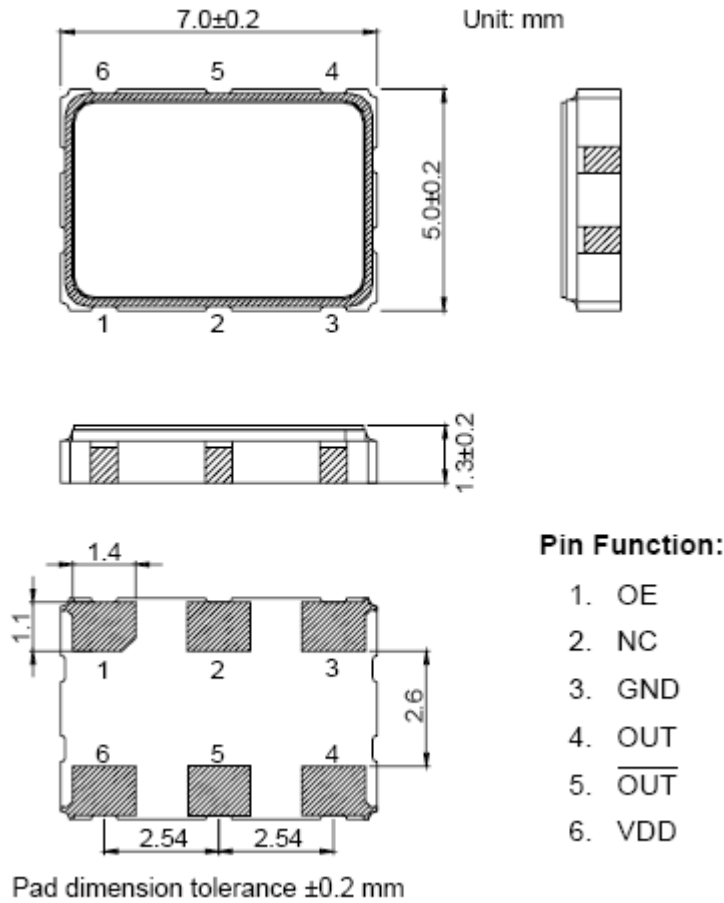


26	Vibration	Frequency range	10 ~ 2000 Hz	MIL-STD-883E
		Amplitude	1.52 mm	
Sweep time	20 minute			
perpendicular axes each test time	4 hours			
(Total test time 12 hours)				

Note1 Inclusive of frequency tolerance at 25degC, variation over temperature, supply voltage variation and vibration.

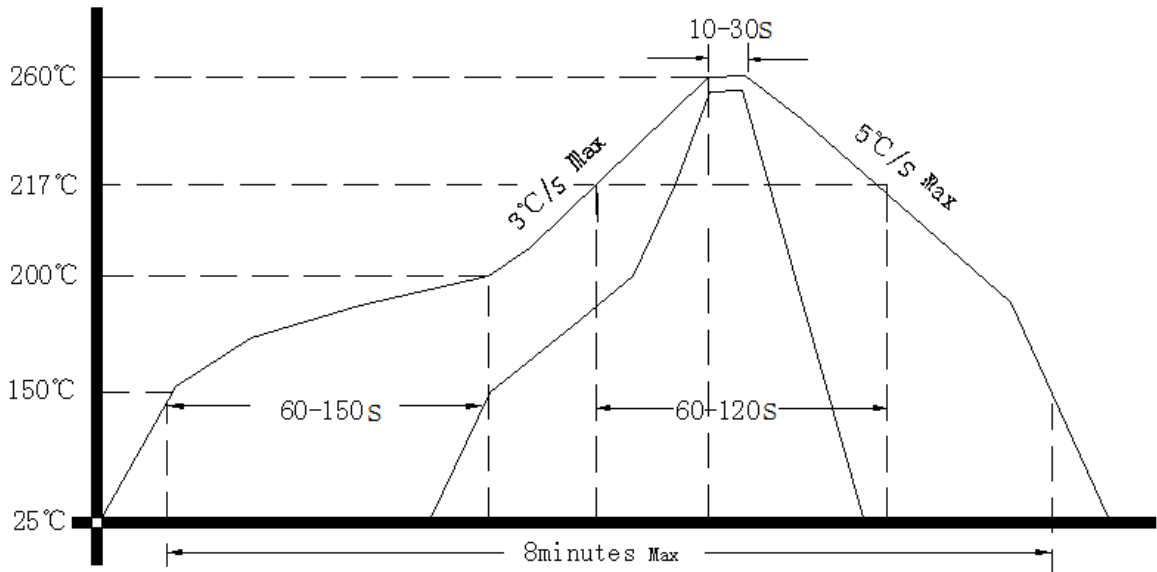
Note2 Output will be enable if OE is Logic 1 or open ; Output will be disable if OE is Logic 0

## 2、 Mechanical Structure (mm)





### 3、 Reflow Soldering Curve (RoHS)



### 4、 Package: Tape & Reel (mm)

