



# 3.2x2.5mm Low Current SMD Oscillators - Type 371

Pb-Free & RoHS Compliant

Model Designator Key & Specifications

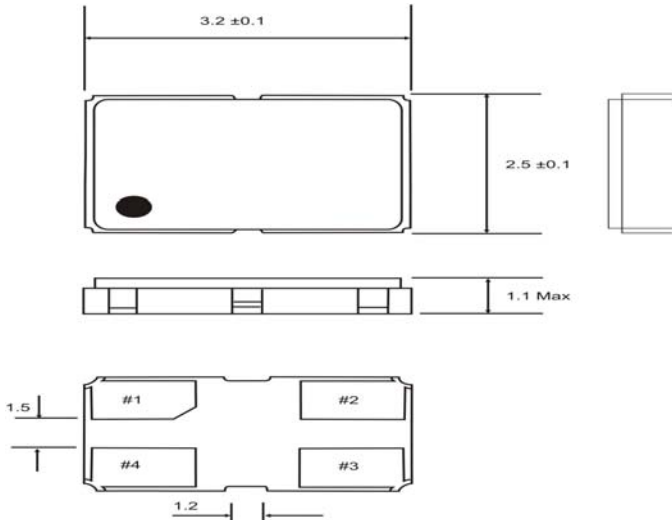
Base Model	Input Voltage	Freq Stability	Operating Temp. Range
371 (3.2x2.5mm & Tristate)	33 = 3.3V	A = ±25PPM	S = -10°C to +70°C I = -40°C to +85°C
	28 = 2.8V	B = ±50PPM	
	25 = 2.5V	C = ±100PPM	

Operating Conditions	
Storage Temp Range	-55°C to +125°C

## Electrical Characteristics (Ta = -20°C to +70°C, V<sub>DD</sub> = 3.3V, 2.8V, & 1.8V, CL = 15pF, V<sub>CONT</sub> = 1.65V, 1.4V & 0.9V)

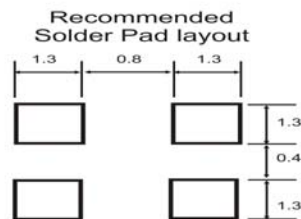
Parameter	Condition	Frequency Range (MHz)	Specifications		
			371-33	371-28	371-25
Input Current (I <sub>DD</sub> )	15pF Load	1.800 to 32.000 30.001 to 52.000	3.5mA Max. 4.5mA Max.	4.0mA Max. 5.0mA Max.	4.5mA Max. 6.0mA Max.
Symmetry	@ 50% V <sub>DD</sub>	1.80 ~ 50.00	45/55%		
Output Voltage	(V <sub>OL</sub> ) "0" Level		10% V <sub>DD</sub> Max.		
	(V <sub>OH</sub> ) "1" Level		90% V <sub>DD</sub> Min		
Rise Time	(T <sub>R</sub> ) 10% to 90% V <sub>DD</sub>		12nS Max.		
Fall Time	(T <sub>F</sub> ) 90% to 10% V <sub>DD</sub>		12nS Max.		
Stand-By Current	at "0"-Level		1µA Max.		
Load	Cmos		15pF		
Start-Up Time	0V to V <sub>DD</sub>		5mS Max.		

## Dimensions (mm)



Enable/Disable Function	
Control (Pin #1)	OUTPUT (Pin #3)
Open	Active
"1" (VIH ≥ 70%VDD)	Active
"0" (VIL ≤ 30%VDD)	High Z

Pin Connections	
#1	E/D
#2	VSS
#3	OUT
#4	VDD



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [AEL manufacturer](#):*

Other Similar products are found below :

[X30M000000L001](#) [X40M000000L104](#) [X12M288000L199](#) [O100M000000L010](#) [O20M000000L619](#) [O32M000000L097](#) [X9M830400L035](#)  
[O32M000000L621](#) [C8M000000L004](#) [E3SB16.0000F09G11AE](#) [X18M000000L289](#) [O50M000000L687](#) [X3M276800L016](#) [O25M000000L059](#)  
[X5M000000L001](#) [O10M000000L644](#) [O100M000000L434](#) [O3M686400L120](#) [O40M000000L657](#) [X307K200L001](#) [X12M000000L188](#)  
[O27M000000S026](#) [X14M000000L001](#) [O25M000000L684](#) [O50M000000L659](#) [X3M579545L023](#) [X4M915200L001](#) [O16M000000L682](#)  
[X3M686400L005](#) [X50M000000L001](#) [O25M000000L063](#) [C40M000000L001](#) [O10M000000L004](#) [O12M000000L008](#) [O16M000000L021](#)  
[X4M194304L056](#) [O50M000000L140](#) [O20M000000L676](#) [O80M000000L164](#) [X32M000000L004](#) [O50M000000L139](#) [O4M000000L134](#)  
[F455K000S011](#) [C3M580000L002](#) [X18M432000L293](#) [X4M000000L009](#) [X32K768L102](#) [X14M745600L225](#) [X16M000000L259](#)  
[C16M000000S004](#)