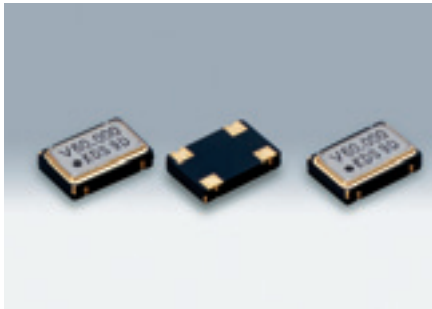


SMD Crystal Oscillators

DSO751S SERIES Low Voltage Type



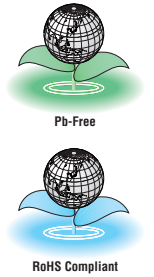
Actual size 

Features

- Package size: 7.3×4.9×1.7
- 3.3V operating voltage, high speed type (0.5MHz to 120MHz)
- $F_{tol} \leq \pm 30 \times 10^{-6}$ product is available for video applications. 28.636MHz, 28.375MHz and 14.318MHz frequencies are available.

Applications

- PC, peripherals, and visual applications

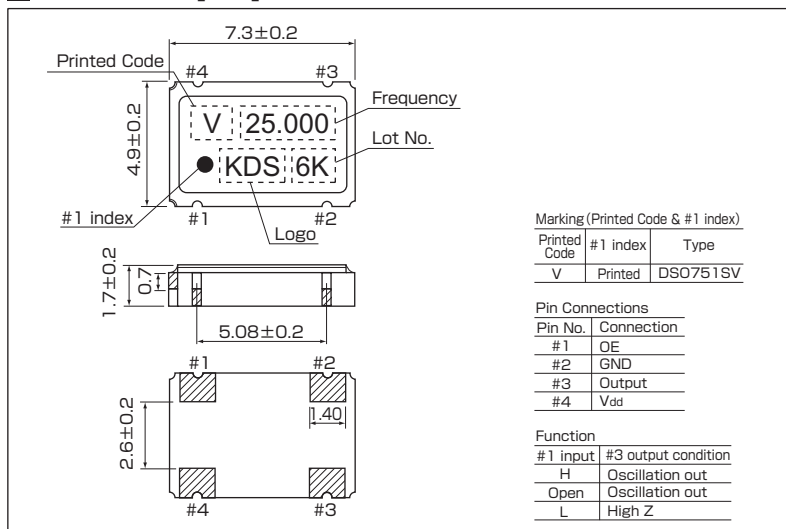


Standard Specification

Item	Type	Legend	DSO751SV	Condition
Standard Characteristics	Output Frequency Range	Fo	0.5MHz~35MHz	
	Frequency Tolerance	F _{tol}	$\pm 50 \times 10^{-6}$, $\pm 100 \times 10^{-6}$	-10~+70°C, Includes frequency tolerance at room temperature.
	Supply Voltage	Vdd	+3.3V±0.3V	
	Operating Temperature Range	T _{use}	-10°C~+70°C	
	Current Consumption	Idd	25mA max.	When no load is applied.
	Stand-by Current (#1 pin, "L" Level)	I _{std}	20μA max.	High impedance output.
Output Characteristics	Output Disable Time	Tplz	100nsec. max.	
	Output Enable Time	Tpzi	5msec. max.	
	Symmetry	SYM	45~55% (Fo≤10MHz), 40~60% (Fo>10MHz)	Vdd×0.5 Level
	Rise and Fall Time	tr, tf	10nsec. max.	Vdd×0.1~Vdd×0.9
	"0" Level	Vol	Vdd×0.1 max.	
	"1" Level	Voh	Vdd×0.9 min.	
	Load Condition(C-MOS)	L _{CMOS}	30pF max.	
Input Characteristics	Input Voltage Level	Vil / Vih	+0.6V max. / +2.3V min.	
	Input Current	Iil / Iih	-0.02 mA max. / +0.02 mA max.	
Packing Unit			1000pcs./reel (φ254)	

Consult our sales representative for other specifications.

Dimensions[mm]



Recommended Land Pattern [mm]

