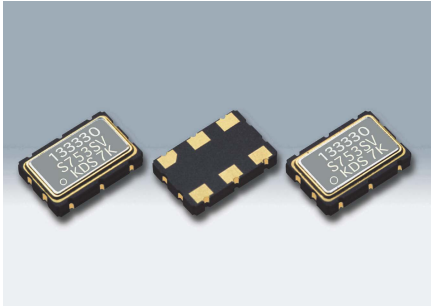


SMD Crystal Oscillators

DSS753SV



Actual size

Features

- EMI reduction by SSCG Technology
- Spread Spectrum function can be switched ON/OFF by SSON terminal.
- 3-state function

Applications

- Printer, facsimile, scanner
- Wireless-LAN, DSC, LCD

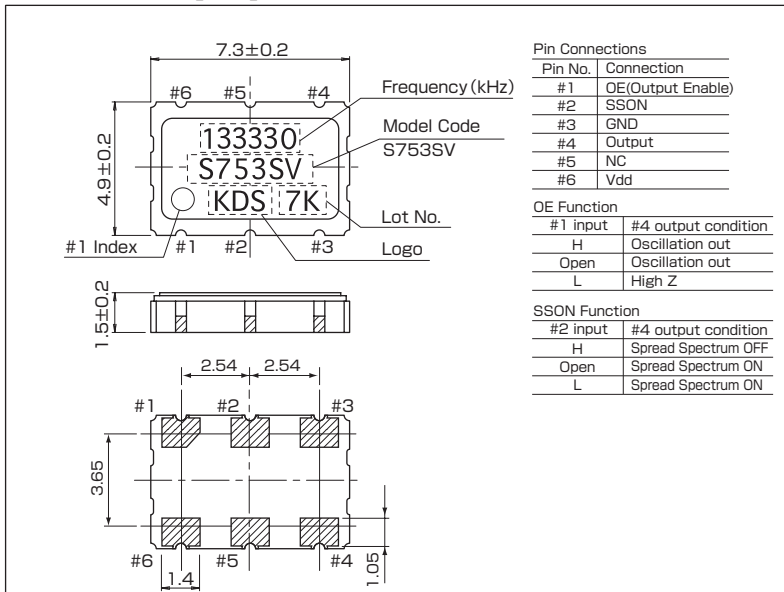


Standard Specification

Item	Type	Legend	DSS753SV	
			Center Spread	Down Spread
Spread Spectrum	-			
Spread Percentage	-		$\pm 0.25\%$ $\pm 0.5\%$ $\pm 1\%$ $\pm 2\%$	-0.5% -1% -2% -4%
Output Frequency Range	f_o		10~160MHz	
Supply Voltage	Vdd		$+3.3 \pm 0.3V$	
Storage Temperature Range	T_stg		$-40 \sim +125^\circ C$	
Operating Temperature Range	T_use		$-10 \sim +70^\circ C$	
Frequency Tolerance	f_tol		$\pm 100 \times 10^{-6}$ max. (SS OFF (#2Pin"H"))	
Current Consumption	Idd		30mA max.	
Disable Current	I_dis		20mA max.	
Symmetry	SYM		45~55% (50% Vdd Level)	
Rise and Fall Time	tr, tf		3ns max. (20~80% Vdd Level)	
0 Level Output Voltage	Vol		0.4 Vmax.	
1 Level Output Voltage	Voh		$Vdd - 0.4V_{min}$.	
Load Condition	L-CMOS		15pF max.	
Output Disable Time	Tplz		400ns max.	
Output Enable Time	Tpzi		400ns max.	
Cycle to Cycle Jitter			σ : 45ps Typ. peak-peak : 450ps Typ. ($f_o=26,000MHz$, $\pm 1\%$ or -2%)	
Input Voltage Level	Vil/Vih		$Vdd \times 0.3$ max./ $Vdd \times 0.7$ max.	
Packing Unit			1000pcs. / reel ($\phi 254$)	

Consult our sales representative for other specifications.

Dimensions [mm]



Recommended Land Pattern [mm]

