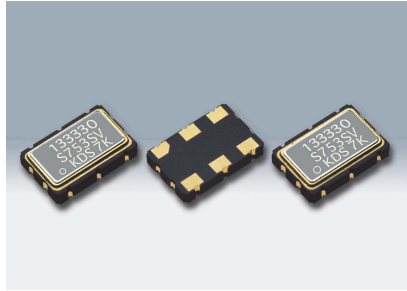


SMD Crystal Oscillators

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

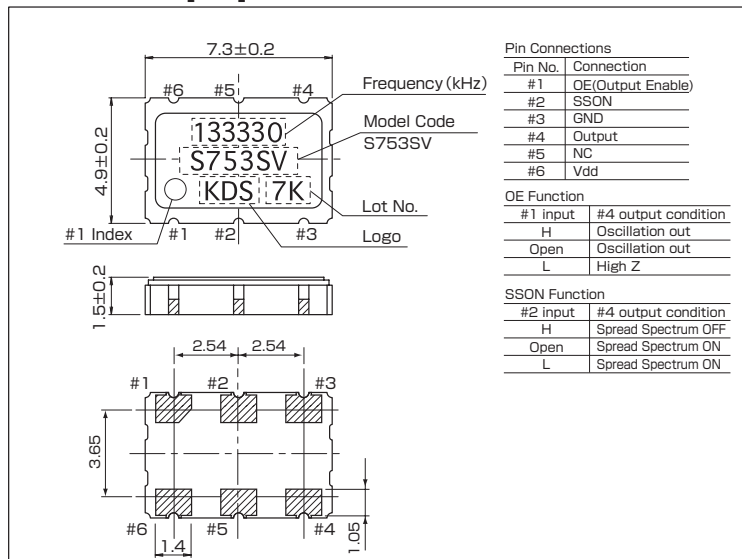


Standard Specification

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	fo		10~160MHz	
Supply Voltage	Vdd		+3.3±0.3V	
Storage Temperature Range	T_stg		-40~+125°C	
Operating Temperature Range	T_use		-10~+70°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-0.4Vmin.	
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. (fo=26,000MHz, ±1% or -2%)	
Input Voltage Level	Vil/Vih		Vdd×0.3 max./ Vdd×0.7 max.	
Packing Unit			1000pcs. / reel (φ254)	

Consult our sales representative for other specifications.

Dimensions[mm]



Recommended Land Pattern [mm]

