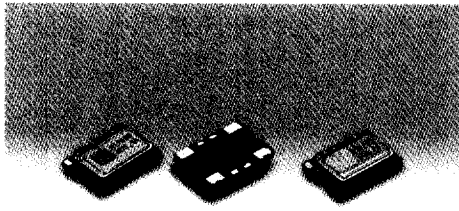


ULTRA MINIATURE SIZE SMD (VC)-TCXO

DSA751HA, DSB751HA



FEATURES

- Ultra miniature size (0.07cc).
- Light weight (0.18g).
- High reliability with IC Circuits.
- Reflow soldering (2 reflows available).

APPLICATIONS

- Cellular phones (PDC, GSM, PCN, PCS, CDMA and other systems)

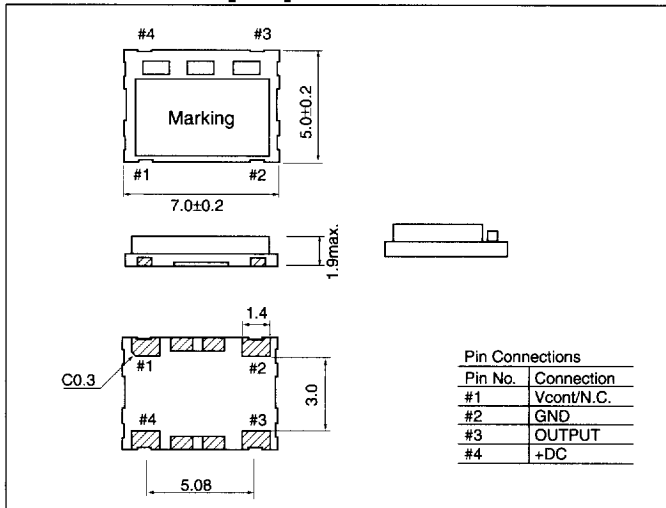
GENERIC SPECIFICATION

ITEM	Model	DSA751HA	DSB751HA
Frequency Range		10MHz~20MHz	
Standard Frequency		12.6 / 12.8 / 13 / 14.4 / 14.85 / 16.8 / 19.2 / 19.68 / 19.8 / 20MHz	
Supply Voltage		+3.0V(+2.6V to +3.3V available)	
Current Consumption		1.5mA max.(F<16MHz) / 2.0mA max.(F≥16MHz)	
Output Level		0.8Vp-p min	
Output Load		10kΩ//10pF	
Frequency Stability			
Tolerance		±1.5ppm (after 2 reflows)	
vs. Temperature		±2.5ppm/−30~+85°C (±1.5ppm / −30~+85°C optional.)	
vs. Supply Voltage		±0.1ppm(+3V±0.3V)	
vs. Load Variation		±0.2ppm / (10kΩ//10pF)±10%	
vs. Aging		±1.0ppm / year	
Start up time		3.0ms max.	
Frequency Control			
Control Sensitivity		±10ppm / V typ. (5~15ppm / V optional.) (Vcont = +1.5V±1.0V)	—
Response Slope		Positive	—
SSB Phase Noise		−125dBc / Hz max.(offset 1kHz) −140dBc / Hz max.(offset 10kHz)	

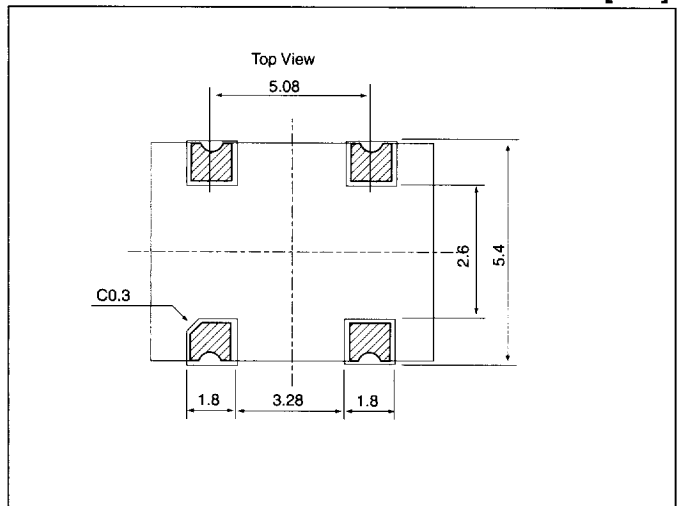
Packing unit :3000/reel

Please contact your KDS sales representative to discuss particular spec requirements.

DIMENSIONS [mm]



RECOMMENDED LAND PATTERN [mm]



MEASUREMENT CIRCUIT

