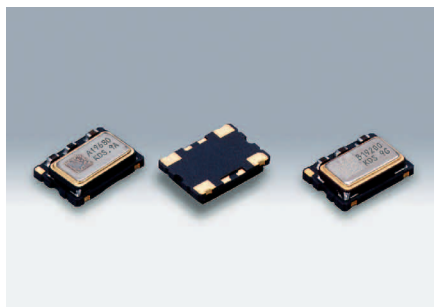


SMD (VC-) TCXO

DSA751HA/DSB751HA for GPS / Radio communications



Actual size

■ Features

- 7050 size, 1.75 mm high miniature SMD VC-TCXO (0.07cc, 0.18g)
- High reliability from using an IC.

■ Applications

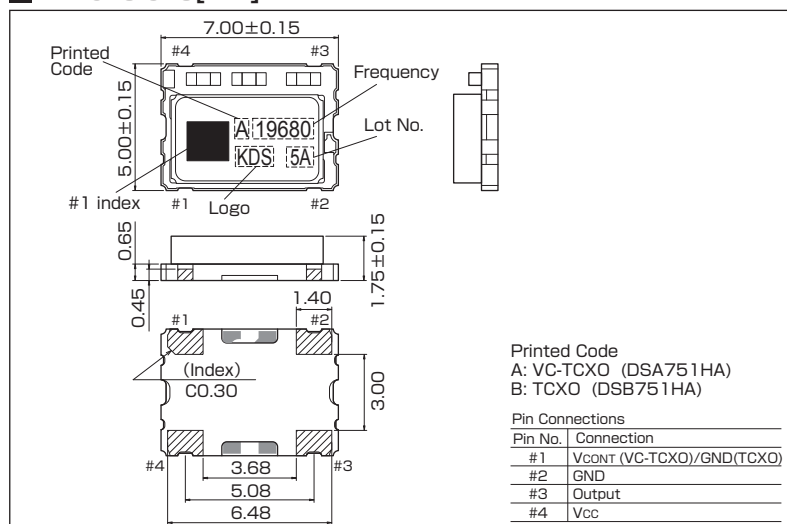
- GPS and radio communications

■ Standard Specification

Item	Type	DSA751HA (VC-TCXO)	DSB751HA (TCXO)
Output Frequency Range		10MHz ~ 20MHz	
Standard Frequency		10/ 12.6/ 12.8/ 13/ 14.4/ 14.85/ 16.8/ 19.2/ 19.68/ 19.8/ 20 MHz	
Supply Voltage		+2.8V / +3.0 V / +5.0V	
Current Consumption		1.5mA max. (F ≤ 15MHz) / 2.0mA max. (F > 15MHz)	
Output Level		0.8 Vp-p min. (Clipped Sinewave)	
Output Load		10kΩ//10 pF	
Frequency Stability Tolerance		±1.5×10 ⁻⁶ max.(After 2 reflows)	
vs. Temperature		±2.5×10 ⁻⁶ max. / -30 to +85 deg C	
vs. Supply Voltage		±0.2×10 ⁻⁶ max. (Vdd ±10%)	
vs. Load Variation		±0.2×10 ⁻⁶ max. (10 kΩ//10 pF ±10%)	
vs. Aging		±1.0×10 ⁻⁶ max. / year	
Start up Time		3.0 msec. max.	
Frequency Control Control Sensitivity		±9~±15×10 ⁻⁶ / Vcont = +1.5V±1.0V	—
Response Slope		Positive	—
SSB Phase Noise		[F ≤ 15MHz] -110 dBc/Hz (Offset 100Hz) -130 dBc/Hz (Offset 1kHz) -145 dBc/Hz (Offset 10kHz) -145 dBc/Hz (Offset 100kHz)	[F > 15MHz] -105 dBc/Hz (Offset 100Hz) -125 dBc/Hz (Offset 1kHz) -140 dBc/Hz (Offset 10kHz) -145 dBc/Hz (Offset 100kHz)
Packing Unit		3000pcs./reel (φ330)	

Consult our sales representative for other specifications.

■ Dimensions[mm]



■ Recommended Land Pattern [mm]

