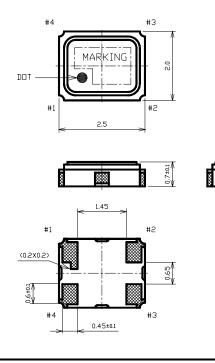


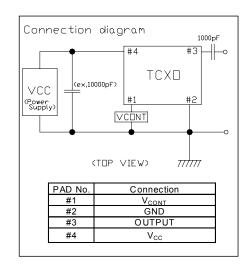
1			
1	1	NDK Part Number	NT2520SA-26M-DJA3001A
1	2	NDK Specification Number	DJA3001A
1	3	Туре	NT2520SA
1	4	Rating	
1	4.1	Nominal Frequency (f _{nom})	26 MHz (2 digits marking)
1	4.2	Supply Voltage	+2.4 V +/-0.1 V DC (-Earth)
1	4.3	Current Consumption	Max. 1.1 mA (Typ. 0.9 mA)
1	4.4	Output Voltage	Min. 0.8 V _{p-p} Clipped sine wave (DC-Coupling)
1	4.5	Operable Temperature Range	-30 to +75 °C
1	4.6	Storage Temperature Range	-40 to +85 °C
1	4.7	Load impedance	10 kΩ // 10 pF
1	4.8	DC-cut Capacitor	DC-cut capacitor of output is not put in TCXO.
1			Please add DC-cut capacitor (1000 pF) in output line.
	5	Electrical specification	
1	5.1	Frequency Stability	
1	5.1.1	Frequency / Temperature Characteristics	Max. +/-2.5 ppm / -30 to +75 °C(Based on frequency at +25 +/-2 °C)
1		Frequency / Voltage Coefficient	Max. $+/-0.2$ ppm / $+2.4$ V $+/-0.1$ V
1		Frequency / Load Coefficient	Max. +/-0.2 ppm / (10 k Ω // 10 pF) +/-10%
1		Frequency Tolerance at Control Voltage	Max. +/-2.5 ppm
1	0.1.4	$(V_{cont} = +1.2 \text{ V DC})$	(at +25 +/-2 °C, after two reflows, based on nominal frequency)
1	5.1.5	Long-term Frequency Stability	Max. +/-2.0 ppm / 5 years
1	5.2	External Adjustment	
1	5.2.1	Control Voltage (V _{cont})	+1.2 V +/-1.0 V DC
	5.2.2	Frequency control range based on frequency at V _{cont} = +1.2 V DC	+/-9.0 to +/-15.0 ppm
1	5.2.3	Frequency Change Polarity	Positive
1	5.3	Stabilization Time	Max. 4.0 ms
			(+/-0.1 ppm of final frequency final frequency is the frequency after 10 s from the point when supply voltage is reached at+2.4 V. Measurement is done while the control voltage is kept at its typical value at +25 +/-2 °C)
1	5.4	Symmetry	40 to 60 % (Based on GND. The output signal after DC cut capacitor passage)
1	5.5	Harmonic Distortion	Max5 dBc
1	5.6	Phase Noise	Max130 dBc/Hz (@1 kHz offset)

(Unit: mm)

2000

6 Dimension





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