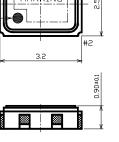


1	NDK Part Number	NT3225SA-26M-DJA3004A
2	NDK Part Number	DJA3004A
2	Туре	NT3225SA
-		
<b>4</b> 4.1	<b>Rating</b> Nominal Frequency (f <sub>nom</sub> )	26 MHz(2 digits marking)
4.2	Supply Voltage	+2.4 V DC (-Earth)
4.2 4.3	Current Consumption	+2.4 V DC (-Earth) Max. 1.5 mA
4.3 4.4	Output Voltage	Min. 0.8 $V_{p-p}$ Clipped sine wave (DC-Coupling)
4.5	Operable Temperature Range	-30 to +75 °C
4.6	Storage Temperature Range	-40 to +85 °C
4.7	Load impedance	( 10 kΩ // 10 pF ) +/-10%
4.8	DC-cut Capacitor	DC-cut capacitor of output is not put in TCXO.
		Please add DC-cut capacitor (1000 pF) in output line.
_		
5	Electrical specification	
5.1	Frequency Stability	
5.1.1	Frequency / Temperature Characteristics	Max. +/-2.5 ppm / -30 to +75 $^\circ\text{C}$ ( Based on frequency at +25 +/-2 $^\circ\text{C}$ )
	Frequency / Voltage Coefficient	Max. +/-0.3 ppm / +2.4 V +/-0.1 V
	Frequency / Load Coefficient	Max. +/-0.2 ppm / (10 kΩ // 10 pF) +/-10%
5.1.4	Frequency Tolerance at Control Voltage ( $V_{cont}$ = +1.2 V DC )	Max. +/-1.5 ppm (at +25 +/-2 °C, before reflow soldering, based on nominal frequency)
5.1.5	Long-term Frequency Stability	Max. +/-2.0 ppm / 5years
5.2	External Adjustment	
5.2.1	Control Voltage (V <sub>cont</sub> )	+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
5.2.3	Frequency Change Polarity	Positive
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 )
5.4	Symmetry	40 to 60 %
5.5	Phase Noise	Max130 dBc/Hz (@1 kHz offset)
6	Dimension	
		(Unit: mm)
	H4 MARKING	Connection diagram



#1

