

CMOS/ Sine Wave OCXO

N5A Series

◆特長・用途/Feature

- ・Supply Voltage **+5.0V, +3.3V**
- ・Output Level **CMOS/ Sine Wave**
- ・Frequency range **10MHz**
- ・25 × 25 × 12.5 mm

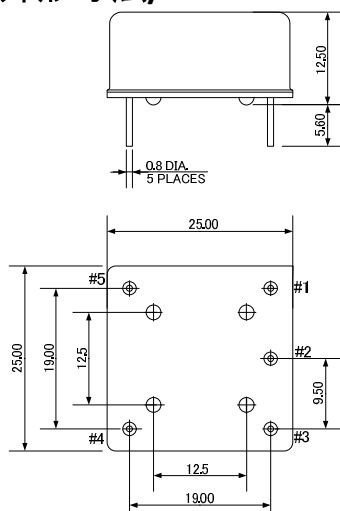


◆仕様/Specifications

RoHS Compliant

項目 / item	N5A								単位 / unit	Note	
	#1	#2	#3	#4	#5	#6	#7	#8			
出力周波数 Frequency range	10								MHz	--	
電源電圧 Power Supply voltage	+5.0	+5.0	+3.3	+3.3	+3.3	+3.3	+5.0	+5.0	V	--	
消費電力 Power Consumption	起動時 Start Power	3.0 max.	3.0 max.	3.3 max.	3.3 max.	3.3 max.	3.3 max.	3.0 max.	3.0 max.	W	--
	定常時 Steady state	1.3 max.	1.3 max.	1.3 max.	1.3 max.	1.3 max.	1.3 max.	1.3 max.	1.3 max.	W	--
周波数温度特性 Freq. tolerance vs . Temp. range	±10 max.		±10 max.		±10 max.		±10 max.		10 ⁻⁹	-20 to +70°C	
	±15 max.		±15 max.		±15 max.		±15 max.		10 ⁻⁹	-40 to +85°C	
エージング Freq. Aging	±100 max.								10 ⁻⁹	1 year	
周波数可変範囲 Freq. control range	±2.4 min.		±2.4 min.		±2.4 min.		±2.4 min.		10 ⁻⁶	VC=0 to +3.3V	
	±2.4 min.		±2.4 min.		±2.4 min.		±2.4 min.		10 ⁻⁶	VC=0 to +4.0V	
出力レベル Output level	CMOS	CMOS	LVC MOS	LVC MOS	Sine Wave 5dBm±2dB		Sine Wave 7dBm±2dB		--	--	
位相雑音 Phase noise (Typical)	-80								dBc/Hz	1Hz Offset	
	-120								dBc/Hz	10Hz Offset	
	-140								dBc/Hz	100Hz Offset	
	-145								dBc/Hz	1kHz Offset	
	-150								dBc/Hz	10kHz Offset	

◆外形寸法/Dimensions unit : mm



PIN CONNECTIONS

#1	OUTPUT
#2	RF & CASE GROUND
#3	VOLTAGE CONTROL
#4	N/C
#5	+VDC