

Temperature Compensated Crystal Oscillator "KT1612A series"
KYOCERA Part Number : KT1612A26000AAW19NAG

Note: This is a preliminary specification.

If you would like to know official specification and details specification, please contact us.

1.Nominal condition						
Item	SYMB.	Min.	Typ.	Max.	Unit	Conditions
Operating Temperature Range	T_use	-40	-	85	deg.C	
Storage Temperature Range	T_stg	-40	-	85	deg.C	
Supply voltage	Vcc	1.71	1.9	2.09	V	1.9V+/-10%
Load impedance	R1	9	10	11	kohm	
	CL	9	10	11	pF	

2.Electrical Characteristics							
Item	Electrical Specification					Conditions	
	SYMB.	Min.	Typ.	Max.	Unit		
Nominal frequency	fo	-	26.0	-	MHz		
Temp characteristics	fo_TC	-0.5	-	+0.5	$\times 10^{-6}$	Referenced to the mid point between minimum and maximum frequency value over the specified temperature range	
Load characteristics	fo_Load	-0.2	-	+0.2	$\times 10^{-6}$	10kohm+/-10%, 10 pF+/-10%	
Voltage characteristics	fo_Vcc	-0.2	-	+0.2	$\times 10^{-6}$	1.9V+/-10%	
Aging characteristics	fo_age	-1.0	-	+1.0	$\times 10^{-6}/\gamma$	at 25+/-2 deg.C	
Frequency tolerance	fo_tol	-2.0	-	+2.0	$\times 10^{-6}$	After 3 times reflow soldering	at 25+/-2 deg.C
Output voltage	Vpp	0.8	-	-	Vp-p	Clipped sine	
Current consumption	Icc	-	-	4.0	mA		
Harmonics	Hm	-	-	-8.0	dBc		
Input voltage	V _{IH}	80%Vcc	-	-	V	Enable Active Hi	#1pin
	V _{IL}	-	-	20%Vcc	V	Disable Active Low	
Current of Disable	I_dis	-	-	-10.0	uA	#1pin=GND	

