

SIMPLE PACKAGED CRYSTAL OSCILLATORS 3100 SERIES

■ Model 3119A

- Main applications : Facsimilies, OA products
- Features
 - Compactness and light weight in addition to the use of DIP14 pin compatible package.
 - High-reliability metal package (grounded package)

■ Specification

Item	Model		
	Spec. Code		
	AQA70	AQB70	AQE70
Standard Frequency (MHz)	6.2208 9.95328	20.736	24.00014
Frequency Range (MHz)	4~25		
Frequency Stability	$\pm 5 \times 10^{-6}$		
	0~+50°C	0~+60°C	-10~+60°C
Supply Volt Change	$\pm 1 \times 10^{-6} / +5V \pm 10\%$		
Supply Voltage	+5VDC		
Current Consumption	20mA max		
V _{OL} max/V _{OH} min	V _{OL} :0.4Vmax V _{OH} : 2.4Vmin		
Duty Cycle	40~60% (1.4V)		
Fanout (gate)	N-TTL2		
Aging	$\pm 2 \times 10^{-6}$ /year		
Frequency Trim Range	$\pm 5 \times 10^{-6}$ min		
Case Code	19A		

Note: Frequency adjustment condition

(1) Adjustment is conducted in room temperature (+25±2°C)

This oscillator is shipped after frequency adjustment at NDK. But if you need to trim frequency by trimmer condenser, please make sure that the driver fits trimmer rotor hole. Also do not apply pressure to trimmer rotor.

If you need NON-standard spec., please contact us.

■ Dimensions

