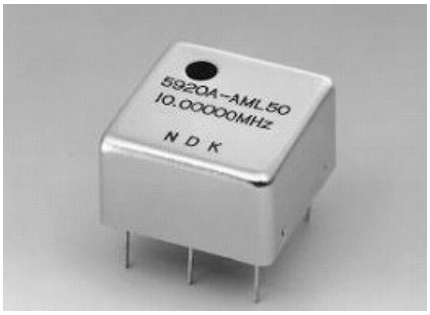
Crystal Oscillator

Model Name 5920A

Temperature-Compensated Crystal Oscillator (TCXO) 5900 Series

■ Main Application

For communication equipment



■ Features

- Stable frequencies can be obtained across a wide temperature range.
- Low power consumption.

RoHS Compliant
Directive 2011/65/EU

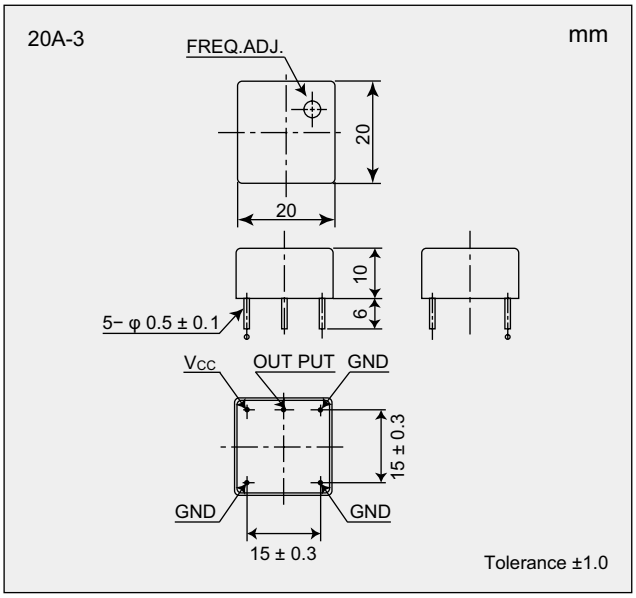
■ Specifications

Item \ Model / Classification	5920A	
	APG70	AQJ70
Nominal frequency range (MHz)	10 to 25	
Supply voltage [V_{CC}] (V)	+5 ± 5 %	
Current consumption (mA)	Max. 15	
Output level	TTL level (V_{OL} : Max. 0.4 V, V_{OH} : Min. 2.4 V)	
Symmetry (%)	40 to 60 (1.4 V)	
Load impedance	N-TTL 2	
Operating temperature range (°C)	−20 to +60	−30 to +60
Storage temperature range (°C)	−30 to +70	
Frequency/Temperature characteristics	Max. ±3 × 10^{-6}	Max. ±5 × 10^{-6}
Frequency/Voltage coefficient	Max. ±0.5 × 10^{-6}	
Long-term frequency stability	Max. ±1 × 10^{-6} / year	
Frequency adjustment range	Min. ±3 × 10^{-6} (Note)	

Note : By internal trimmer. Use a driver that fits with the rotor slot.

*If you require a product with other than standard characteristics, please contact us.

■ Dimensions



■ List of Ordering Codes

Model Name and Classification	Frequency (MHz)	Ordering Code
5920A-APG70	10 to 25	5920A-[ ]M-NSA3037B
5920A-AQJ70	10 to 25	5920A-[ ]M-NSA3037A

Specify a frequency in the square brackets.

Specify the frequency in seven digits (the decimal point is not included).