

Crystal Oscillator

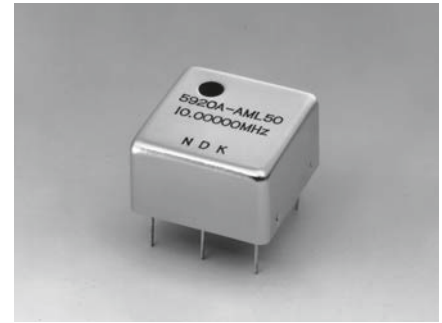
Model Name 5925A Temperature-Compensated Crystal Oscillator (TCXO) 5900 Series

Main Application

For communication equipment

Features

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



RoHS Compliant
Directive 2002/95/EC

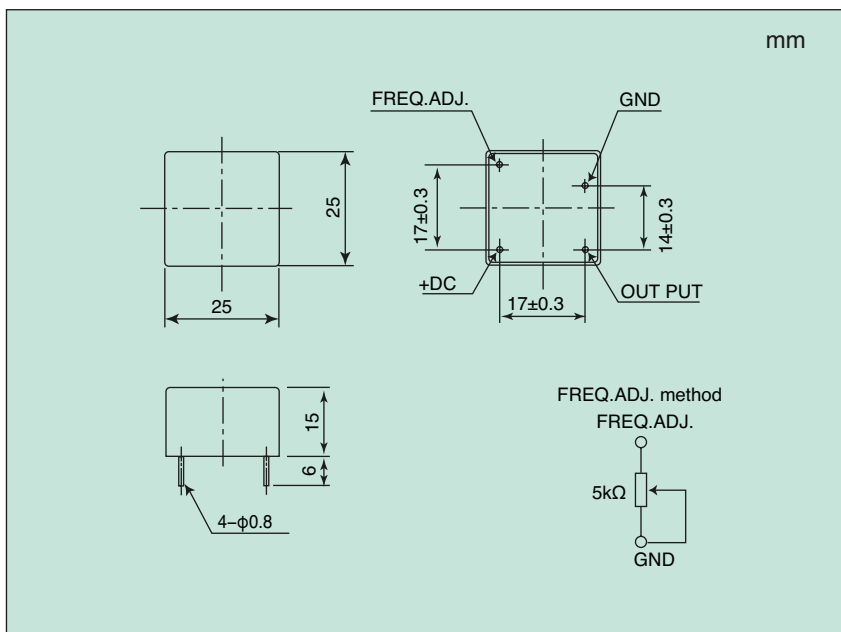
Specifications

Item	Model Classification		5925A		
	AJD50	AKG50	ALH50	AML50	AQP50
Nominal frequency range (MHz)	10 to 25				
Power supply voltage	+5V DC				
Load	10kΩ//10pF				
Operating temperature range	-10 to +50°C	-20 to +60°C	-20 to +70°C	-30 to +75°C	-40 to +85°C
Consumption current	5mA max				
Output level	1V(Peak to Peak)min				
Frequency / temperature characteristic	±0.5×10 ⁻⁶ max	±1×10 ⁻⁶ max	±1.5×10 ⁻⁶ max	±2×10 ⁻⁶ max	±5×10 ⁻⁶ max
Power supply variation characteristics	±0.2×10 ⁻⁶ max/+5V±5%				
Aging	±1×10 ⁻⁶ max/year				
Frequency adjustment range	±3×10 ⁻⁶ min (Note)				
Case code	25A				

Note: See "FREQ.ADJ. method" with an external variable resistor used in the figure of Case Code 25A.

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

Dimensions



List of Ordering Codes

5925A-AJD50

Frequency (MHz)	Ordering Code
10 to 25	5925A-[]M-NSA3039E

5925A-AKG50

Frequency (MHz)	Ordering Code
10 to 25	5925A-[]M-NSA3039D

5925A-ALH50

Frequency (MHz)	Ordering Code
10 to 25	5925A-[]M-NSA3039C

5925A-AML50

Frequency (MHz)	Ordering Code
10 to 25	5925A-[]M-NSA3039B

5925A-AQP50

Frequency (MHz)	Ordering Code
10 to 25	5925A-[]M-NSA3039A

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