

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 2011/65/EU

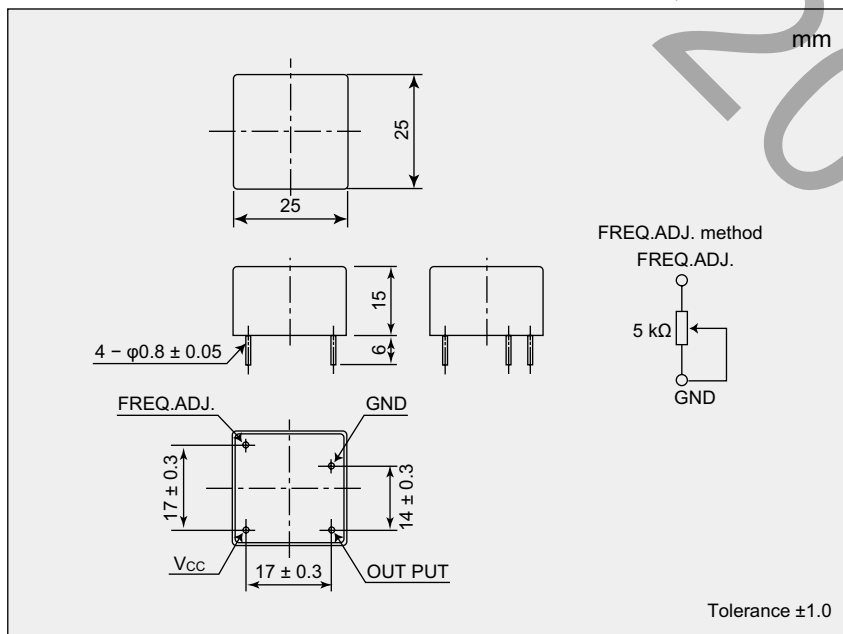
Specifications

Item	Model		5925A				
	Classification		AJD50	AKG50	ALH50	AML50	AQP50
Nominal frequency range (MHz)					10 to 25		
Supply voltage [V _{CC}] (V)					+5 ± 5 %		
Current consumption (mA)					Max. 5		
Output level					Min. 1 V (p-p)		
Load impedance					10 kΩ //10 pF		
Operating temperature range (°C)			-10 to +50	-20 to +60	-20 to +70	-30 to +75	-40 to +85
Storage temperature range (°C)					-40 to +85		
Frequency/Temperature characteristics			Max. $\pm 0.5 \times 10^{-6}$	Max. $\pm 1 \times 10^{-6}$	Max. $\pm 1.5 \times 10^{-6}$	Max. $\pm 2 \times 10^{-6}$	Max. $\pm 5 \times 10^{-6}$
Frequency/Voltage coefficient					Max. $\pm 0.2 \times 10^{-6}$		
Long-term frequency stability					Max. $\pm 1 \times 10^{-6}$ / year		
Frequency adjustment range					Min. $\pm 3 \times 10^{-6}$ (Note)		

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).