

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

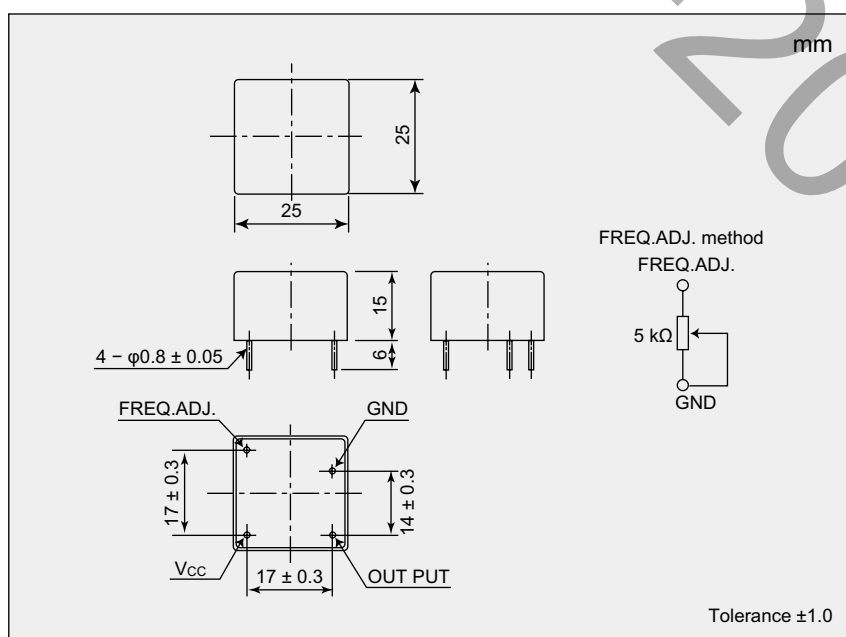
■ Specifications

Model		5925A				
Item	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).