

Model Name 5930E

Temperature-Compensated Crystal Oscillator (TCXO) 5900 Series

■ Main Application

For communication equipment

■ Features

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

RoHS Compliant
Directive 2002/95/EC



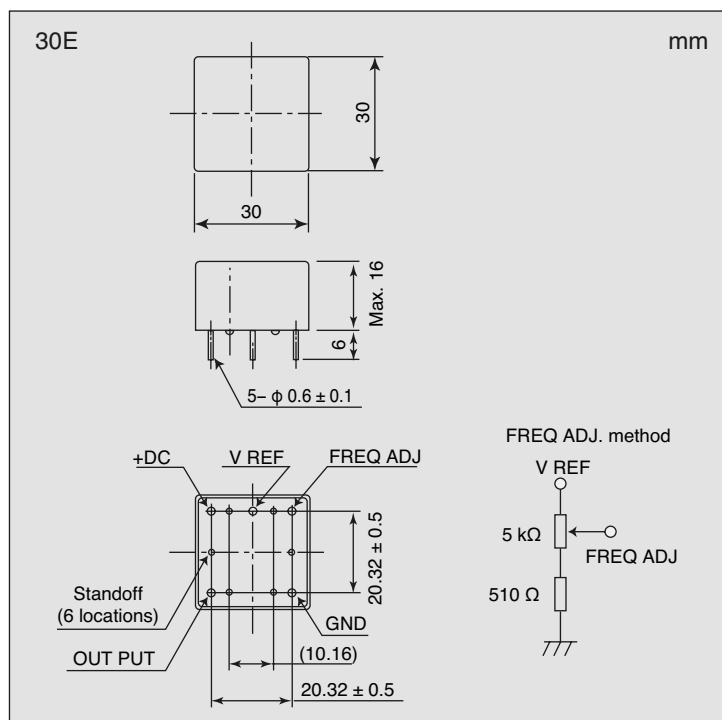
■ Specifications

Model Classification Item		5930E								
		AKG50	ALH50	AML50	BKG50	BLH50	BML50	PKG50	PLH50	PML50
Nominal frequency range (MHz)		10 to 25			25 to 60			60 to 150		
Power supply voltage [VCC] (V)		+12 V ± 5 %								
Current consumption (mA)		Max. 15						Max. 40		
Output level		Min. 1 mW (Min. 0 dBm)								
Load		50 Ω								
Operating temperature range (°C)		-20 to +60	-20 to +70	-30 to +75	-20 to +60	-20 to +70	-30 to +75	-20 to +60	-20 to +70	-30 to +75
Frequency stability	Temperature characteristic	Max. ± 1 × 10 ⁻⁶	Max. ± 1.5 × 10 ⁻⁶	Max. ± 2 × 10 ⁻⁶	Max. ± 1 × 10 ⁻⁶	Max. ± 1.5 × 10 ⁻⁶	Max. ± 2 × 10 ⁻⁶	Max. ± 1 × 10 ⁻⁶	Max. ± 1.5 × 10 ⁻⁶	Max. ± 2 × 10 ⁻⁶
	Power supply variation characteristics	Max. ± 0.2 × 10 ⁻⁶								
	Aging	Max. ± 1 × 10 ⁻⁶ / year								
Frequency adjustment range		Min. ± 3 × 10 ⁻⁶ (Note)								

Note: See "FREQ.ADJ. method" with an external variable resistor used in the figure of Case Code 30E.

*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
5930E-AKG50	10 $\leq$ F < 25	5930E-[]M-NSA3408C
5930E-ALH50	10 $\leq$ F < 25	5930E-[]M-NSA3408B
5930E-AML50	10 $\leq$ F < 25	5930E-[]M-NSA3408A
5930E-BKG50	25 $\leq$ F < 60	5930E-[]M-NSA3408F
5930E-BLH50	25 $\leq$ F < 60	5930E-[]M-NSA3408E
5930E-BML50	25 $\leq$ F < 60	5930E-[]M-NSA3408D
5930E-PKG50	60 $\leq$ F < 150	5930E-[]M-NSA3408J
5930E-PLH50	60 $\leq$ F < 150	5930E-[]M-NSA3408H
5930E-PML50	60 $\leq$ F < 150	5930E-[]M-NSA3408G

Specify a frequency in the square brackets.

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