

Crystal Oscillator

Model Name 5930E

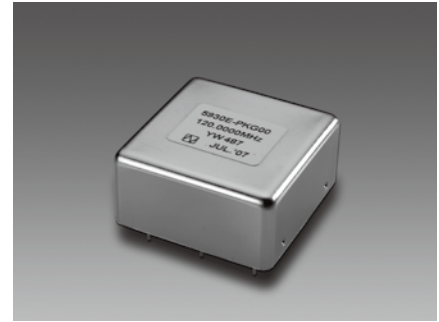
Temperature-Compensated Crystal Oscillator (TCXO) 5900 Series

Main Application

For communication equipment

Features

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



Pb Free

RoHS Compliant
Directive 2011/65/EU

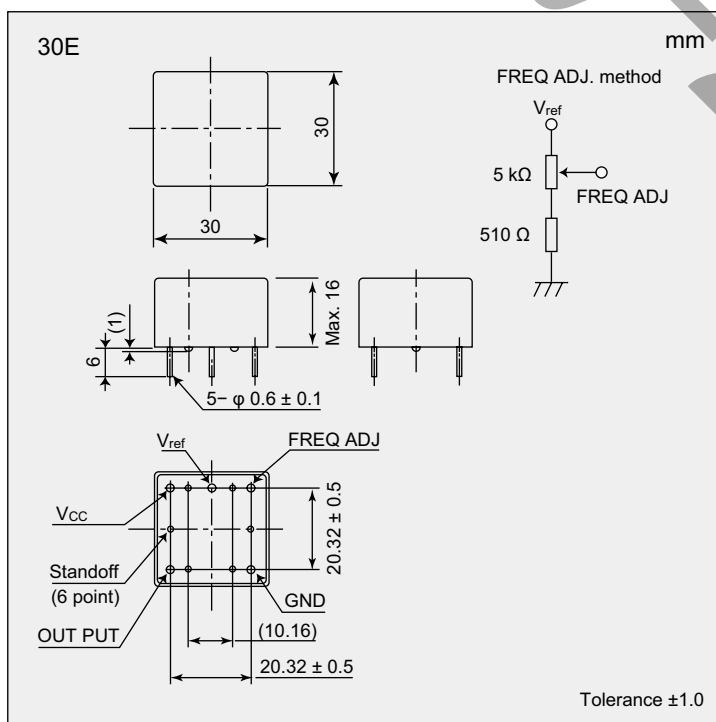
Specifications

Item	Model		5930E								
	Classification		AKG00	ALH00	AML00	BKG00	BLH00	BML00	PKG00	PLH00	PML00
Nominal frequency range (MHz)			10 to 25			25 to 60			60 to 150		
Supply voltage [V _{cc}] (V)			+12 V ± 5 %								
Current consumption (mA)			Max. 15						Max. 40		
Output level			Min. 1 mW (Min. 0 dBm)								
Load impedance			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		
Storage temperature range (°C)			-40 to +85								
Frequency/Temperature characteristics	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		
Frequency/Voltage coefficient			Max. ±0.2 × 10 ⁻⁶								
Long-term frequency stability			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-AKG00	10 ≤ F < 25	5930E-[JM-NSA3408C
5930E-ALH00	10 ≤ F < 25	5930E-[JM-NSA3408B
5930E-AML00	10 ≤ F < 25	5930E-[JM-NSA3408A
5930E-BKG00	25 ≤ F < 60	5930E-[JM-NSA3408F
5930E-BLH00	25 ≤ F < 60	5930E-[JM-NSA3408E
5930E-BML00	25 ≤ F < 60	5930E-[JM-NSA3408D
5930E-PKG00	60 ≤ F < 150	5930E-[JM-NSA3408J
5930E-PLH00	60 ≤ F < 150	5930E-[JM-NSA3408H
5930E-PML00	60 ≤ F < 150	5930E-[JM-NSA3408G

Specify a frequency in the square brackets.

Specify the frequency in seven digits

(the decimal point is not included).