

Crystal Oscillator

Model Name 5936L, 5920A Temperature-Compensated Crystal Oscillator (TCXO) 5900 Series

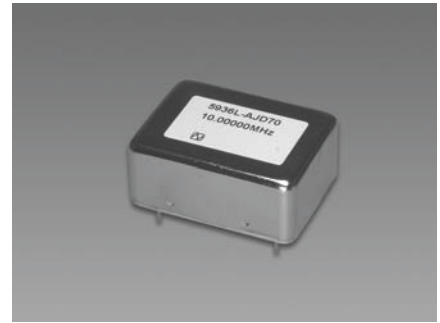
Main Application

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 | 5936L | | 5920A | |
|--|----------------------|----------------------------------|----------|----------------------------------|---------------------|
| | | GJD70 | AJD70 | APG70 | AQJ70 |
| Nominal frequency range (MHz) | | 0.7 to 10 | 10 to 22 | 10 to 25 | |
| Power supply voltage | | +5V DC | | +5V DC | |
| Load | | N-TTL2 | | | |
| Operating temperature range | | -10 to +50°C | | -20 to +60°C | -30 to +60°C |
| Consumption current | | 18mA max | | 15mA max | |
| Output level | | VOL : 0.4Vmax, VOH : 2.4Vmin | | | |
| Duty cycle (+1.4V) | | 40 to 60% | | | |
| Frequency / temperature characteristic | | ±0.5×10 ⁻⁶ | | ±3×10 ⁻⁶ | ±5×10 ⁻⁶ |
| Power supply variation characteristics | | ±0.2×10 ⁻⁶ max/+5V±5% | | ±0.5×10 ⁻⁶ max/+5V±5% | |
| Aging | | ±1×10 ⁻⁶ max/year | | | |
| Frequency adjustment range | | ±3×10 ⁻⁶ min (Note) | | ±3×10 ⁻⁶ min | |
| Case code | | 36L | | 20A-3 | |

Note: See "FREQ.ADJ. method" with an external variable resistor used in the figure of Case Code 36L.

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

List of Ordering Codes

| Model Name and Classification | Frequency (MHz) | Ordering Code |
|-------------------------------|-----------------|---------------------|
| 5936L-GJD70 | 0.7 to 10 | 5936L-[]M-NSA3409A |
| 5936L-AJD70 | 10 to 22 | 5936L-[]M-NSA3409B |
| 5920A-APG70 | 10 to 25 | 5920A-[]M-NSA3037B |
| 5920A-AQJ70 | 10 to 25 | 5920A-[]M-NSA3037A |

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

Dimensions

