

AOCXO 14

Features/Merkmale

- Wide Frequency Range/Grosser Frequenzbereich
- Frequency Stability/ Stabile Frequenz
- High Qualified Package Small Dimension/
- hochwertiges Gehäuse mit geringen Abmessungen



Item	Specifications/Spezifikationen	Remarks/Bemerkungen
Frequency Range / Frequenz	1.00 ~ 100.00 MHz	Please Specify
Frequency Accuracy / genaue Frequenz	± 5ppm (center control voltage)	/ Bitte angeben
Frequency Stability vs Temp./ Temperaturstabilität	± 0.1 ppm ~ ± 0.5 ppm	Please Specify
Temperature Range / Temp. Bereich	0°C ~ + 50°C / -20°C ~ + 70°C	/ Bitte angeben
Aging / ?	First year ± 1 ppm, 10 year ± 5 ppm	
Output Type and Load Characteristics / Ausgangssignale	See Table 1	Please Specify
Frequency Stability vs Load / Belastungsstabilität	± 5ppm vs ± 10% load change	
Supply Voltage / Versorgungsspannung	+ 5.0 VDC, + 12.0 VDC	
Frequency Stability vs Voltage / Spannungsstabilität	± 0.05ppm vs ± 5% voltage change	
Supply Consumption / Verbrauch ?	2W(max) warm-up; 1W(max) static	
Warm - up Time / Aufwärmzeit	± 0.5ppm, < 3 min.	
Adjustable Frequency Range / Regulierbereich	± 5.0ppm	
Control Voltage Range / Steuerspannung	0 ~ 5 V	
Slope / Neigung	Positive	
Linearity / Linearität	± 10%	/ Bitte angeben
Phase Noise / Lärmphase	10 Hz, - 100 dBc/Hz / 100 Hz, - 120 dBc/Hz 1kHz, - 135 dBc/Hz / 10kHz, - 145 dBc/Hz	
Storage Temperature Range / Lagertemperatur	- 40°C ~ + 100°C	

Waveform	Frequency Range	Oscillation Tate	Output Characteristics
Clipping Sine Wave	8.00MHz ~ 30.00MHz 20.00MHz ~ 100.00MHz	F: Fundamental O: Overtone	Load: 10K Ω /10pF Output level: >1Vp-p
TTL	1.00MHz ~ 30.00MHz 20.00MHz ~ 100.00MHz	F: Fundamental O: Overtone	Load: Max. 10 low power consumption, TTL gates "1" level: >+ 2.4 VDC; "0" level: <+ 0.2 VDC Duty cycle: 45/55, Rise/fall time: < 6 ns
HCMOS	1.00MHz ~ 30.00MHz 20.00MHz ~ 100.00MHz	F: Fundamental O: Overtone	Load: Max. 10 low power Consumption, TTL / HCMOS "1" level: >+ 4.5 VDC; "0" level: <+ 0.5 VDC Duty cycle: 45/55, Rise/fall time: < 6 ns
ACMOS	1.00MHz ~ 30.00MHz 20.00MHz ~ 100.00MHz	F: Fundamental O: Overtone	Load: Max. 10 low power Consumption, TTL / ACMOS "1" level: >+ 4.5 VDC; "0" level: <+ 0.5 VDC Duty cycle: 45/55, Rise/fall time: < 6 ns

Drawing/Zeichnung
<p>Dimensions/Abmessungen in mm</p> <p>Dimensions: 12.7±0.5, 6.3±0.5, 0.45DIA, 0.68, 13.2±0.5, 4.58, 15.24, 7.62, 12.2, 20.8MAX</p> <p>(Unit: mm)</p> <p>PIN FUNCTION: PIN1 - Control Voltage PIN7 - GND/Case PIN8 - Output PIN14 - Power Supply Note: Lead - Kovar Finish - Ni Plated</p>

Dimensions/Abmessungen in mm

Remarks/Bemerkungen: 1.All specifications subject to change without notice. / Wir behalten uns vor Daten ohne Mitteilung zu ändern.