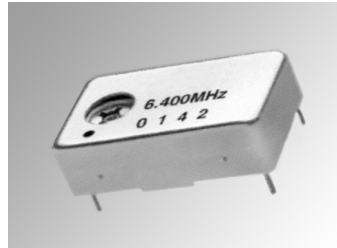


Features/Merkmale

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



**ATCXO 1812
ATCXO 1812s**

Item	Specifications/Spezifikationen	Remarks/Bemerkungen
Series / Serie	ATCXO 1812 / ATCXO 1812s	
Frequency Range / Frequenz Bereich	1.00 ~ 40.00 MHz	Specify / bitte angeben
Frequency Accuracy / genaue Frequenz	± 1.0 ppm max.	Specify / bitte angeben
Frequency Stability vs Temperature / Temperaturstabilität (FST)	A: ± 1.0 ppm (0 ~ +50°C)	Specify / bitte angeben
	B: ± 1.5 ppm (0 ~ +70°C)	
	C: ± 2.0 ppm (-20 ~ +70°C)	
	D: ± 3.0 ppm (-30 ~ +75°C)	
	E: ± 5.0 ppm (-40 ~ +85°C)	
Aging / Alterung	First year ± 1 ppm, 10 year ± 5 ppm	
Output Type and Load Characteristics / Ausgangssignale	See Table 1	Specify / bitte angeben
Frequency Stability vs Load / Stabilität	± 0.1 ppm max. vs ± 10% load change	
Supply Voltage / Versorgungsspannung	+ 5.0 VDC	
Frequency Stability vs Voltage / Stabilität	± 0.2 ppm max. vs ± 5% voltage change	
Phase Noise / Phasenrauschen	10 Hz, - 70 dBc/Hz / 100 Hz, - 100 dBc/Hz	
	1kHz, - 130 dBc/Hz / 10 kHz, - 140 dBc/Hz	
	100 kHz, -145 dBc/Hz	
Storage Temperature Range / Lagertemperatur	- 40°C ~ + 100°C	

Waveform	Frequency Range	Oscillation Tate	Output Characteristics
Clipping Sine Wave	8.00MHz ~ 40.00MHz	F: Fundamental	Load: 10K Ω / 10pF / Output level: >1Vp-p Current: Max. 10mA
TTL	1.00MHz ~ 40.00MHz	F: Fundamental	Load: Max. 10 low power consumption, TTL gates "1" level: >+ 2.4 VDC; "0" level: <+ 0.2 VDC Duty cycle: 40/60, Rise/fall time: <6ns, Current: Max. 20mA
HCMOS	1.00MHz ~ 40.00MHz	F: Fundamental	Load: Max. 10 low power Consumption, TTL / HCMOS "1" level: >+ 4.5 VDC; "0" level: <+ 0.5 VDC Duty cycle: 40/60, Rise/fall time: <6ns, Current: Max. 20mA
ACMOS	1.00MHz ~ 40.00MHz	F: Fundamental	Load: Max. 10 low power Consumption, TTL / ACMOS "1" level: >+ 4.5 VDC; "0" level: <+ 0.5 VDC Duty cycle: 40/60, Rise/fall time: <6ns, Current: Max. 20mA

Drawing/Zeichnung

Dimensions/Abmessungen in mm

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