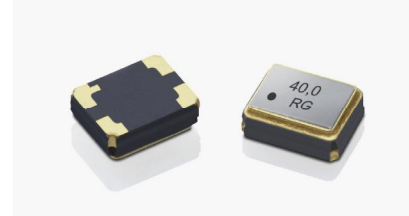


Stark verkleinerter VCTCX-Oszillator KXO-81

Mit einer Baugröße von nur noch 2.0 x 1.6 mm und einer Bauhöhe von 0,7 mm ist dieser Ultra-Miniatur SMD-VCTCXO u. a. hervorragend für den Einsatz in der mobilen Kommunikationstechnik, wie W-Lan, ISM, NFT oder drahtlosen Modulen geeignet; eben dort, wo es auf einen kleinen Platzbedarf mit geringem Stromverbrauch (1.5 mA) ankommt.

Das Bauteil ist auch als TCXO Version (1,8 V ~ 3,3 V DC) lieferbar. Die Technischen Daten zum TCXO finden Sie auf unserer Website.



Miniaturized VCTCXO Oscillator KXO-81

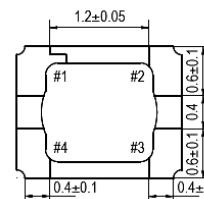
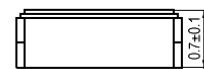
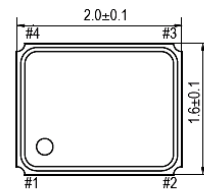
Measuring only 2.0 x 1.6 mm and with a height of just 0.7mm, we have made a big step in the ultra-miniature market of SMD VCTCXOs. The KXO-81 is dedicated for use in modern tracking and communication equipment like W-Lan, ISM, NFT and wireless modules, and other applications where a tiny footprint and low power consumption (1,5mA) makes all the difference.

The oscillator is also available as a TCXO only. The TCXO product spec can be downloaded from our website

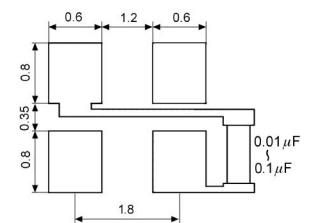
Technische Daten – Technical Data

frequency MHz	13 ~ 40.0
initial frequency tolerance ppm max.	±1.5
operating temperature range °C	-30 ~ +75
frequency stability	
temperature range ppm	±2.5
input voltage change V _{DD} max.	±0.3 ±5% DC
output load change ppm max.	±0.2
aging / year ppm max.	±1.0
storage temperature °C	-40° ~ +85
supply voltage V	-0.3 ~ 6.0
input voltage V DC	+ 1.2, +1.8, +2.5, +3.3 ± 5%
input current mA max.	1.5
output	clipped sine wave
pulling range ppm	±9 ~ ±15
SSB phase noise dBc/Hz typ.	see datasheet
reflow frequency change ppm	±1.0 after reflow (at +25°C ± 2°C)
start up time mS max.	2
size l/w/h mm	2.0 x 1.6 x 0.7

Dimensions (mm):



Suggested soldering pad:



PIN	Connection
1	VC
2	GND
3	OUTPUT
4	V _{DD}

Kundespezifische Parameter gerne auf Anfrage.
Custom designed products upon request.

Fordern Sie gerne ausführliche technische Unterlagen bei uns an.
Please ask for more information.

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