

DATASHEET

TCXO-SMD7050



PART NO.: 41-0002
PART DESCR.: EPSON |VG-4231CA 32.000000MHZ GRC-F

TYPE: TCXO-SMD7050
MANUFACTURER: quarzwerk 01 GmbH

PRODUCT IMAGE



MARKING DIMENSION

TECHNICAL SPECIFICATION

A 1.00 Manufacturer Name	UTECH
A 1.02 Description	--- QPS2038400A30CI
A 1.05 VPE	TR3000
A 1.06 Date Created	17.06.2025
A 1.07 Last Update	2025-07-18
T 3.01 Nominal Frequency (Fo)	38.400000 MHz
T 3.02 Oscillation Mode	Fundamental
T 3.03 Supply Voltage (Vdd)	3.0V±5%
T 3.04 Input Current	6 mA max.
T 3.05 Output Waveform	CMOS
T 3.06 a "0" Level	0.2 * Vdd max
T 3.06 b "1" Level	0.8 * Vdd min
T 3.07 Duty Cycle	45% ~ 55%
T 3.08 Frequency Tolerance After Reflow (at +25°C)	±1.0 ppm max
T 3.09 Frequency Stability Vs Temperature Range	±2.5 ppm max
T 3.10 Operating Temperature Range	-40°C ~ +85°C
T 3.11 Storage Temperature Range	-40° ~ +85°C
T 3.12 Frequency Stability Vs Supply Voltage (±5%)	±0.2 ppm max
T 3.13 Frequency Stability Vs Load (±10%)	±0.3 ppm max
T 3.14 Output Load	15 pF
T 3.15 Aging	±1.0 ppm/year max

CERTIFICATIONS



RoHS
Compliant



ISO 9001:2000
certified by SGS



ISO 14001:2004
certified by SGS