

# DATASHEET

O-SMD5032



PART NO.: 21-0087

PART DESCR.: O-SMD5032-M4-16.000000 MHz-3.3-50-4085 | Epson SG5032CAN

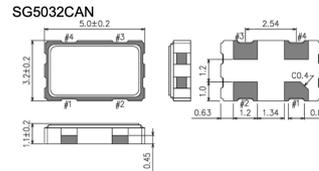
TYPE: O-SMD5032

MANUFACTURER: quarzwerk 01 GmbH

## PRODUCT IMAGE



## MARKING DIMENSION



## TECHNICAL SPECIFICATION

A 1.00 Manufacturer Name	UTECH
A 1.01 Manufacturer Part No.	X1G0044510002
A 1.02 Description	Quartz Crystal Oscillator
A 1.03 Series	QOS5
A 1.04 Dimension & Type	MHz   SMD5032 (5.0 x 3.2 mm)
A 1.05 VPE	TR1000
O 3.01 Nominal Frequency (Fo)	16.000000 MHz
O 3.02 Supply Voltage (VDD)	3.3 V
O 3.03 Input Current	1.8 mA
O 3.04 Frequency Stability Over All *	±50 ppm
O 3.05 Operating Temp. Range	-40°C ~ +85°C
O 3.07 Output Logic	HCMOS
O 3.09 "1" Level	≥ 90 % VDD
O 3.10 "0" Level	≤ 10 % VDD
O 3.12 Symmetry	45 / 55
O 3.13 Rise / Fall Time	3.5 ns
O 3.14 Output Disable / Enable Delay Time	100 ns / 3 ms
O 3.15 Start-up Time	-

## CERTIFICATIONS



RoHS  
Compliant



ISO 9001:2000  
certified by SGS



ISO 14001:2004  
certified by SGS