



THT QUARTZ CRYSTAL SERIES TB

FEATURES

RoHS-2 2011/65/EU
compliant

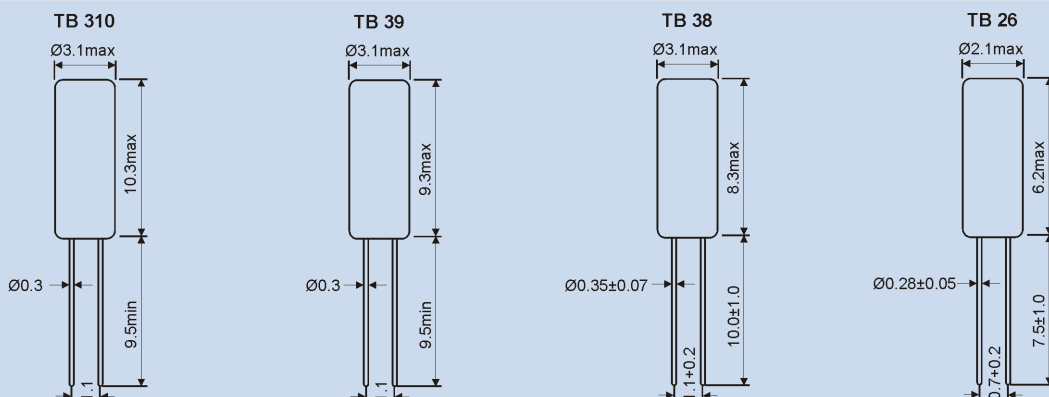
- ☐ High reliability for low cost
- ☐ AT- cut crystal performance
- ☐ Special parameters possible
- ☐ Ideal for microprocessor applications

GENERAL DATA

THT-CRYSTAL SERIES	TB310 / TB39 / TB38 / TB26
NUMBER OF LEADS	2
FREQUENCY RANGE	TB 310: 3.579 ~ 4.0MHz TB 39: 4.0 ~ 6.0MHz TB 38: 6.0 ~ 48.0MHz TB 26: 6.0 ~ 48.0MHz
FREQUENCY TOLERANCES AT 25°C	±30 ppm (standard) other parameters available on request
LOAD CAPACITANCE (C _L)	18.0 pF (standard) other parameters available on request
WORKING TEMPERATURE RANGES	-10/+70°C
DRIVE LEVEL	0.1 mW (1 mW max. possible on request)
AGING	±5 ppm max. per year
INSULATION RESISTANCE	>500 MΩ DC/100V ±10%
STORAGE TEMPERATURE	-40°/+85°C
DELIVERY FORM	Bulks

OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION

DIMENSIONS



CRYSTALS

OSCILLATORS

CERAMIC RESONATORS



Premium Quality by
PETERMANN-TECHNIK

CERAMIC FILTERS

SAW COMPONENTS

Spec.01 • REV.00 • June 2013

ORDERING INFORMATION

Series	Frequency	Frequency Stability at 25°C	Temperature Stability	Temperature Range	Load Capacitance
TB310 or TB39 or TB38 or TB26	4.000 MHz	30	30	-10+70°C	18 pF

Example: TB39 4.000MHz 30/30/-10+70/18pF

PLEASE INDICATE YOUR REQUIRED PARAMETERS

RESONANCE RESISTANCE

Frequency in MHz	Vibration mode	ESR max. in Ω
3.579 ~ 6.0 MHz	AT Fund.	150
6.0 ~ 12.0 MHz	AT Fund.	100
12.0 ~ 20.0 MHz	AT Fund.	70
20.0 ~ 36.0 MHz	3rd OT AT	50
36.0 ~ 48.0 MHz	3rd OT AT	80

CRYSTALS
OSCILLATORS
CERAMIC RESONATORS



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