

THT QUARTZ CRYSTAL

SERIES TB

FEATURES

- + High reliability for low cost
- + AT- cut crystal perfo
- + Special parameters possible
- + Ideal for microprocessor applications



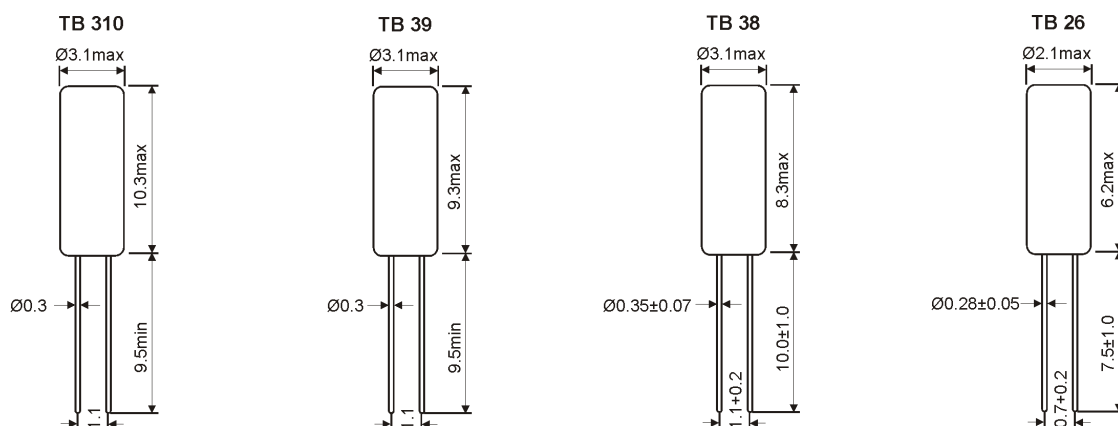
ROHS-2 2011/65/EU COMPLIANT

GENERAL DATA

PARAMETERS	PRODUCT FEATURES AND CONDITIONS
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 RANGE	-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](#)

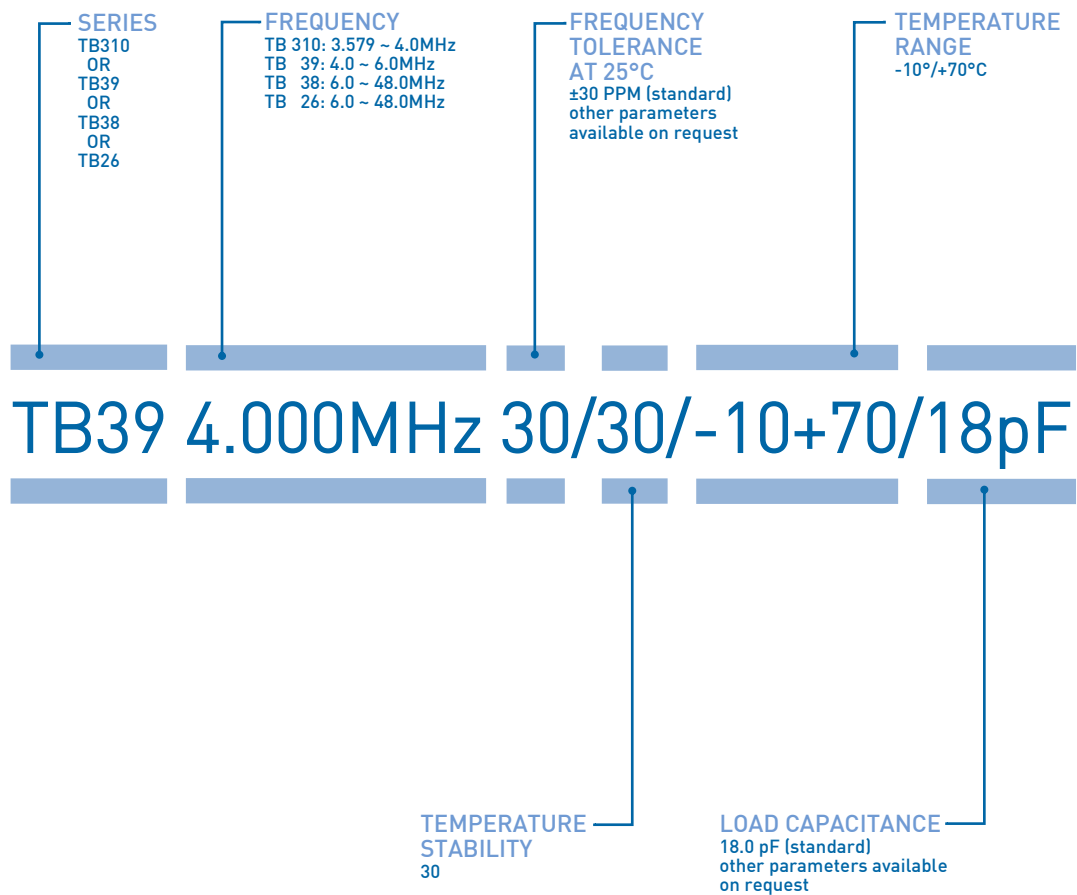
DIMENSIONS



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

ORDERING INFORMATION



EXAMPLE: TB39 4.000MHz 30/30/-10+70/18pF
PLEASE INDICATE YOUR REQUIRED PARAMETERS



PREMIUM QUALITY BY PETERMANN-TECHNIK



OUR COMPANY IS CERTIFIED ACCORDING TO ISO 9001:2008 IN OCTOBER 2013 BY THE DMSZ CERTIFIKATION GMBH.

THIS IS FOR YOU TO ENSURE THAT THE PRINCIPLES OF QUALITY MANAGEMENT ARE FULLY IMPLEMENTED IN OUR QUALITY MANAGEMENT SYSTEM AND QUALITY CONTROL METHODS ALSO DOMINATE OUR QUALITY STANDARDS.