PETERMANN TECHNIK
Excellence in clocking

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THT QUARTZ CRYSTAL SERIES JYR

FEATURES

- ❑ High reliability for low cost
- ❑ Outstanding stability
- ❑ High vibration and shock resistance
- ❑ Special parameters possible

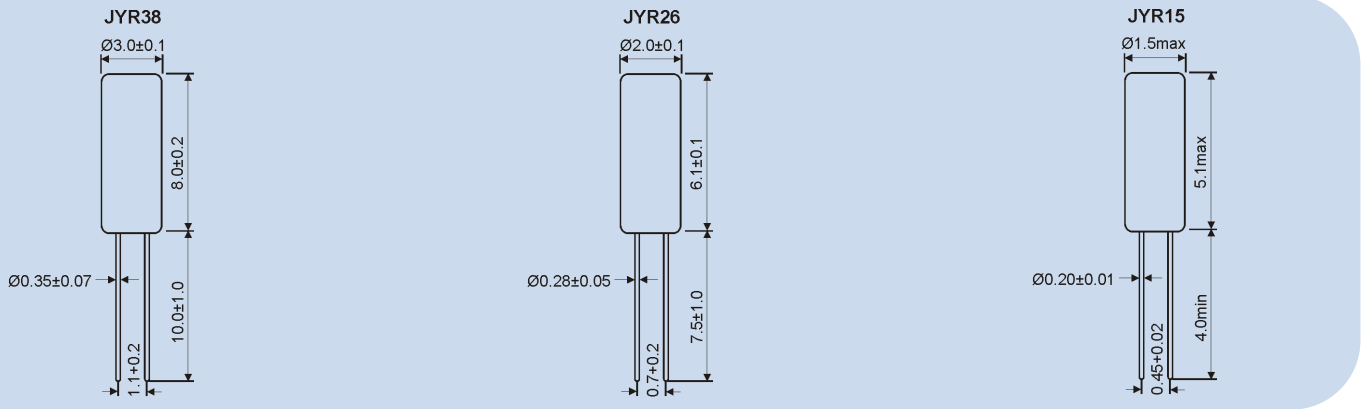
RoHS-2 2011/65/EU compliant

GENERAL DATA

THT-CRYSTAL SERIES	JYR 38 / JYR 26 / JYR 15
NUMBER OF LEADS	2
NOMINAL FREQUENCY	32.768 kHz
FREQUENCY RANGE	30 kHz ~ 200 kHz
FREQUENCY TOLERANCES AT 25°C	±20 ppm (standard) ±10 ~ ±100.0 ppm (option)
LOAD CAPACITANCE (C_L)	12.5 pF (standard) 6pF ~ 10pF available on request
WORKING TEMPERATURE RANGES	-10/+60°C
RESONANCE RESISTANCE	50 kΩ max.
TEMPERATURE COEFFICIENT	-0.034 ppm/°C²
DRIVE LEVEL	0.1 µW typical (0.2 µW max.)
AGING	±5 ppm typical per year
INSULATION RESISTANCE	>500 MΩ DC/100V ±10%
STORAGE TEMPERATURE	-55°/+125°C
DELIVERY FORM	Bulks

OTHER PARAMETERS ARE AVAILABLE ON REQUEST / CREATE HERE YOUR SPECIFICATION

DIMENSIONS



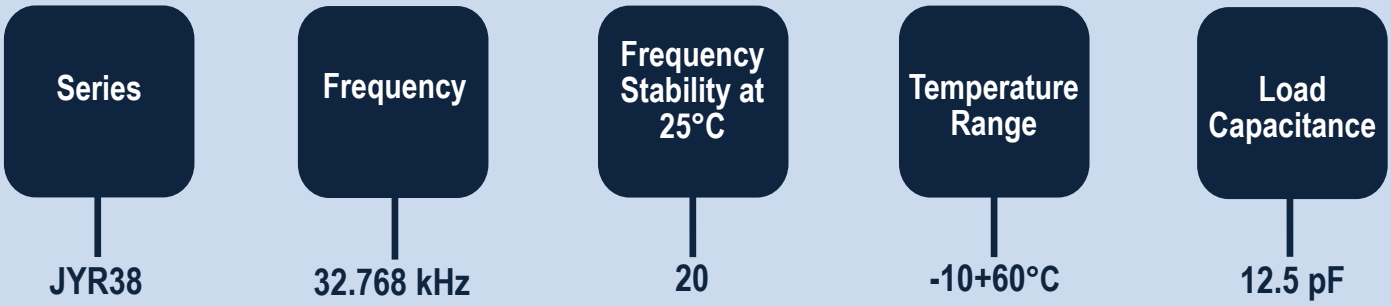
CRYSTALS
OSCILLATORS
CERAMIC RESONATORS

Premium Quality by PETERMANN-TECHNIK

CERAMIC FILTERS
SAW COMPONENTS

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ORDERING INFORMATION



RESONANCE RESISTANCE

Frequency in kHz	Vibration mode	ESR max. in Ω
30.0 ~ 40.0 kHz	AT Fund.	40
40.0 ~ 60.0 kHz	AT Fund.	30
60.0 ~ 70.0 kHz	AT Fund.	25
70.0 ~ 120.0 kHz	AT Fund.	22
120.0 ~ 200.0 kHz	AT Fund.	20