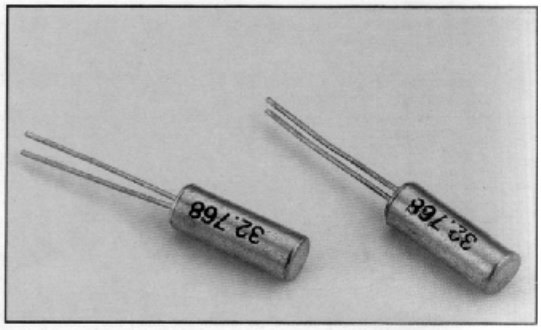
QUARTZ CRYSTAL UNIT

SERIES JU26 AND JU38 TUNING FORK TYPES

■ FEATURE

Tuning Fork type crystal generates time keeping clock signal with low power consumption and is applied to wide range of equipment, such as watch & clock, audio/video, home appliance and so on.



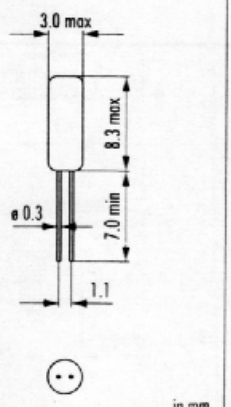
■ ELECTRICAL SPECIFICATIONS

MODEL	Ju26, Ju38
Frequency	32.768MHz
Frequency Tolerance (at 25°C)	± 20ppm (or 10ppm)
Frequency Stability	Parabolic -0.045ppm/°C² Maximum Turn Over Temperatuer at 25°C ± 5°C
Operating Temperature Range	-10°C to +70°C
Aging (at 25°C)	± 5ppm/year Maximum
Storage Temperature Range	-40°C to 90°C
Shunt Capacitance	1.3pF Typical, for Ju26, 1.1pF, for Ju38 2pF Max.
Motional Capacitance	2.0pF Typical
Equivalent Series Resistance	40K Ohms Maximum
Insulation Resistance	500 Megaohms Minimum at 100V_{DC}
Drive Level	1mw Maximum
Load Capacitance	12.5pF (or 10pF if required)

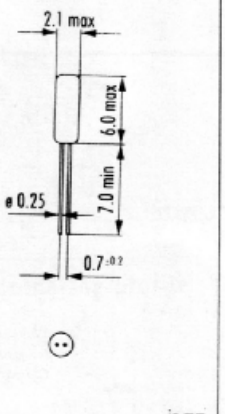
■ MARKING AND DIMENSIONS

MODEL:JU38

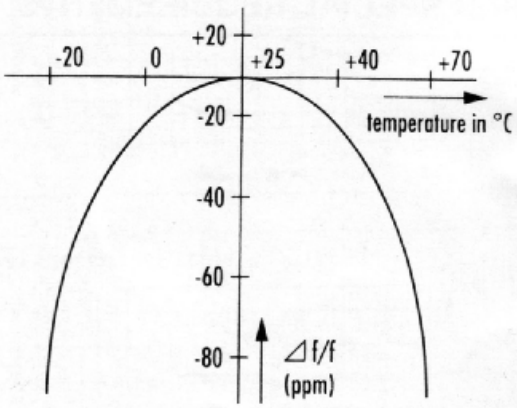
JU38



JU26



xy-cut curve



DIMENSION IN MM

REMARK:SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER

QUARTZ CRYSTAL UNIT

ORDERING INFORMATION

Please specify the following items when ordering crystal unit with us.

■ GENERAL SPECIFICATIONS

Crystal Model	☐ Ju26 ☐ Ju38 TUNING FORK
Nominal Frequency	32.768MHz
Frequency Tolerance（25˚C）	± 20ppm ☐ ± 10ppm
Frequency Stability	Parabolic -0.045ppm/˚C^2 Maximum Turn Over Temperature at 25˚C ± 5˚C
Operating Temperature Range	-10˚C to 70˚C
Aging（at 25˚C）	± 5ppm/year Maximum
Storage Temperature Range	-20˚C to 70˚C
Shunt Capacitance	1.3pF Typical, 2pF Maximum
Motional Capacitance	2.0pF Typical
Equivalent Series Resistance	50.000 Ohms Maximum
Insulation Resistance	500 Megaohms Minimun at 100V_{DC}
Drive Level	1m Watt Maximum
Load Capacitance（CL）	12.5pF ☐ 10pF
Application	