

Features

- Frequency range : 3.2MHz to 90MHz
- Resistance welded, metal can DIP type
- External dimensions (mm)
L : 11.5 x W : 5.0 x H : 3.68
- RoHS compliant & Pb free

Applications

- TV, STB, Cable modem
- Microprocessor
- Computer peripherals
- Home electronics
- Consumer products

Electrical Characteristics

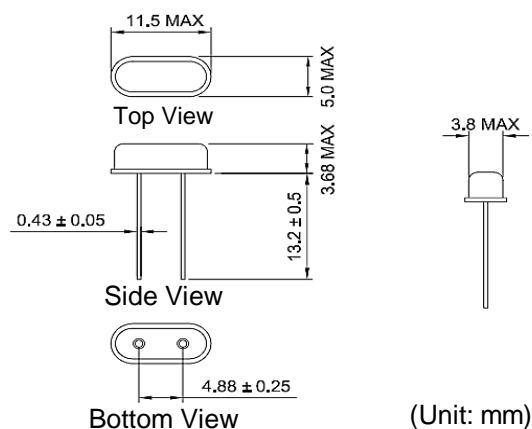
Item		QT49	Conditions
Frequency Range	F_0	3.2MHz ~ 90MHz	
Frequency Tolerance	F_{tol}	$\pm 30\text{ppm}$, $\pm 20\text{ppm}$, $\pm 10\text{ppm}$	at 25°C
Frequency Stability over Operating Temperature Range	F_{stab}	$\pm 30\text{ppm}$, $\pm 20\text{ppm}$, $\pm 10\text{ppm}$	refer to 25°C
Operating Temperature Range	T_{OTR}	-20°C ~ +70°C	
Shunt Capacitance	C_0	7pF Max.	
Drive Level	D_L	1 ~ 500 μW (100 μW Typ.)	
Load Capacitance	C_L	12pF, 18pF, 20pF	
Aging	F_{aging}	± 5 ppm Max.	at 25°C \pm 3°C, first year
Storage Temperature Range	T_{STR}	-55°C ~ +125°C	

Motional Resistance (ESR)

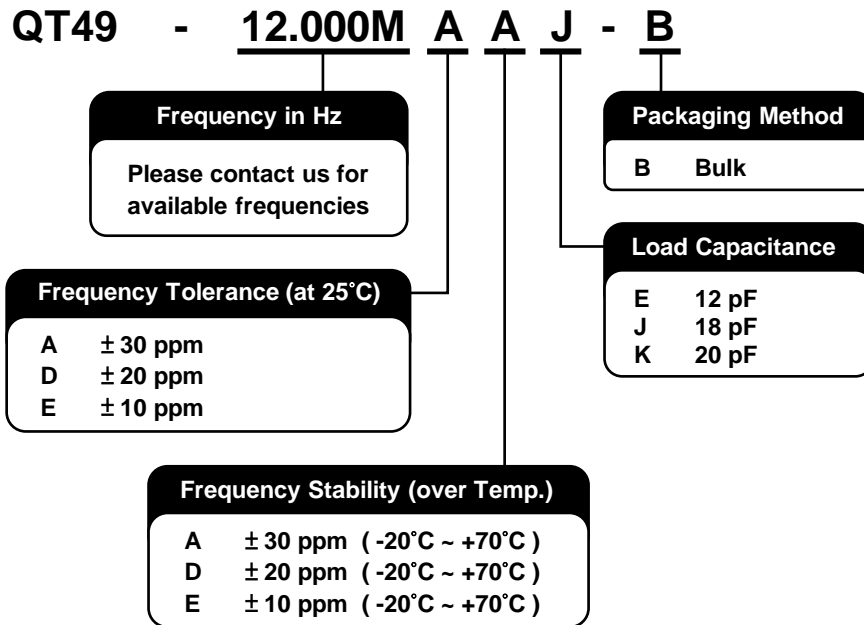
Fundamental	
3.2 ~ 3.686 MHz	200 Ω Max.
3.686 ~ 5 MHz	150 Ω Max.
5 ~ 10 MHz	80 Ω Max.
10 ~ 14 MHz	40 Ω Max.
14 ~ 30 MHz	30 Ω Max.

3rd Overtone	
27 ~ 30 MHz	100 Ω Max.
30 ~ 50 MHz	80 Ω Max.
50 ~ 90 MHz	60 Ω Max.

Dimensions

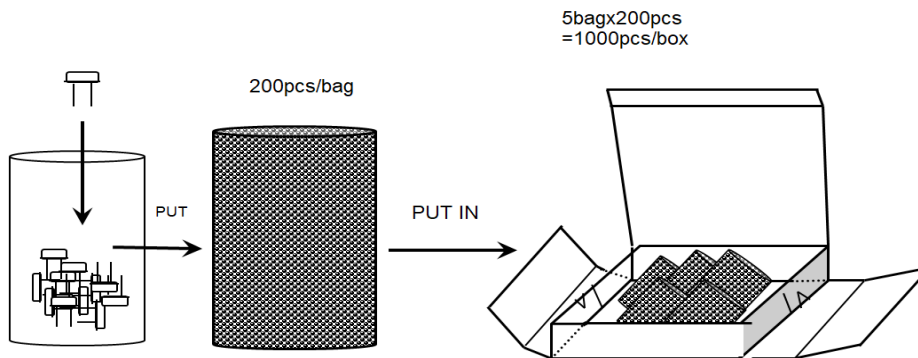


Ordering Information

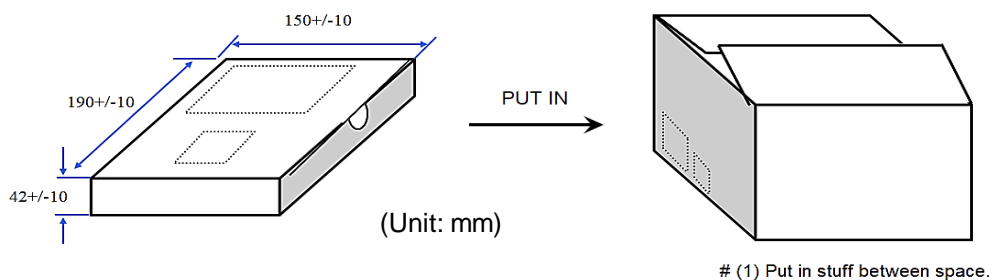


Packing

Inner box



Logo sticker (carton and inner box)



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Crystals](#) category:

Click to view products by [QST](#) manufacturer:

Other Similar products are found below :

[CX3225GB25000M0PPSZ1](#) [718-13.2-1](#) [7A-40.000MAAE-T](#) [FL2000085](#) [99-BU](#) [9B-15.360MBBK-B](#) [9C-7.680MBBK-T](#) [H10S-12.000-18-EXT-TR](#) [ABC2-6.000MHZ-D4Z-T](#) [ABLS-20.000MHZ-D2-T](#) [ABM3B-27.000MHZ-D4Y-T](#) [ABS071-32.768KHZ-6-T](#) [R38-32.768-12.5-5PPM-NPB](#) [BTD1062E05A-513](#) [C711980XFAS30XX](#) [21U15A-21.4MHZ](#) [RTX-781DF1-S-20.950](#) [LFXTAL066198Cutt](#) [9C-14.31818MBBK-T](#) [A-11.000MHZ-27](#) [ABL-27.000MHZ-B4Y-T](#) [ABM11-132-24.000MHZ-T3](#) [ABM3B1-25.000MHZ-D2Y-T](#) [SPT2A-.032768B](#) [SPT2A.032768G](#) [LFXTAL065253Cutt](#) [LFXTAL066431Cutt](#) [XT9S20ANA14M7456](#) [XT9SNLANA16M](#) [7A-24.576MBBK-T](#) [7B-30.000MBBK-T](#) [CX2520DB16000H0HPQCC](#) [MMCC2R32.7680KHZ](#) [6504-202-1501](#) [6526-202-1501](#) [ABLS-12.000MHZ-B2Y-T](#) [7A-10.000MBBK-T](#) [SG636PCE-20.000MC](#) [3404](#) [CM315D32768EZFT](#) [C1E-24.000-7-2020-R](#) [C1E-19.200-12-1530-X-R](#) [C1E-16.000-12-1530-X-R](#) [ABM11-16.000MHZ-9-B1U-T](#) [FL5000014](#) [EUCA18-3.1872M](#) [FX0800015](#) [425F35E027M0000](#) [FP0800018](#) [MS3V-T1R-32.768kHz-7pF-20PPM-TA-QC-Au](#)