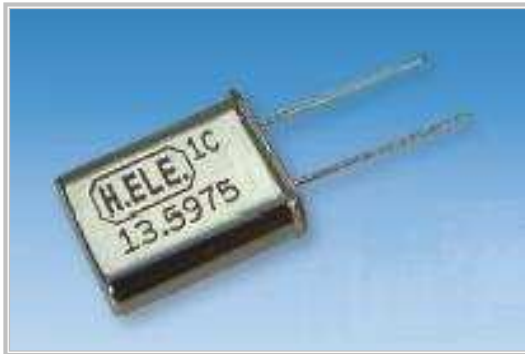


QUARTZ RESONATORS

LEAD TYPE

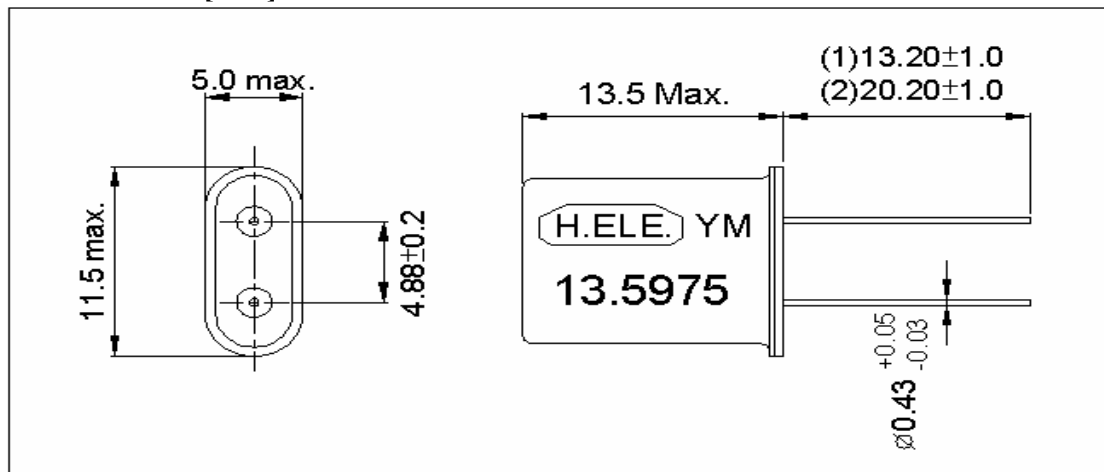
HC-49/U Series



●FEATURES :

- This series is highly reliable resistance-weld sealing is adopted to assure high realization.
- High precision and reliability.
- Wide Frequency Ranges.
- Industry Standard.
- Low Cost.

DIMENSION [mm]



ITEM	TYPE	HC-49/U
Frequency Range		1.8 ~ 200 MHz
Oscillation Mode		Fundamental, 3 rd , 5 th , 7 th Overtone
Thickness Shear Mode		
Drive Level (DL)		100uW Typ, or specify
Load Capacitance (CL)		Series, 12pF, 16pF, 20pF, 32pF (Fund.) or specify. 8pF, 10pF, 12pF, 16pF (3 rd , 5 th , 7 th) or specify.
Frequency Tolerance (at 25°C)		±30ppm, ±50ppm, ± 100ppm or specify
Frequency Stability Over Operating Temperature Range (Ref. to 25°C)		±30ppm, ±50ppm, ± 100ppm (standard) or specify
Operating Temperature Range		-10 ~ +60°C
Storage Temperature Range		-30 ~ +80°C
Aging (at 25°C)		±5ppm/year Max.

FREQUENCY	Mode	RR/SERIES
1.8 ~ 1.9 MHz	Fund.	650 Ω Max.
2.0 ~ 2.9 MHz	Fund.	350 Ω Max.
3.0 ~ 3.4 MHz	Fund.	200 Ω Max.
3.5 ~ 4.0 MHz	Fund.	90 Ω Max.
4.1 ~ 6.0 MHz	Fund.	60 Ω Max.
6.1 MHz ~ 30.0 MHz	Fund.	40 Ω Max.
20 ~ 25 MHz	3 rd .	50 Ω Max.
25.1 ~ 75 MHz	3 rd .	40 Ω Max.
75 ~ 125 MHz	5 th .	60 Ω Max.
125 ~ 150 MHz	5 th .	80 Ω Max.
150 ~ 200 MHz	7 th .	120 Ω Max.

*BULK PACKAGE.