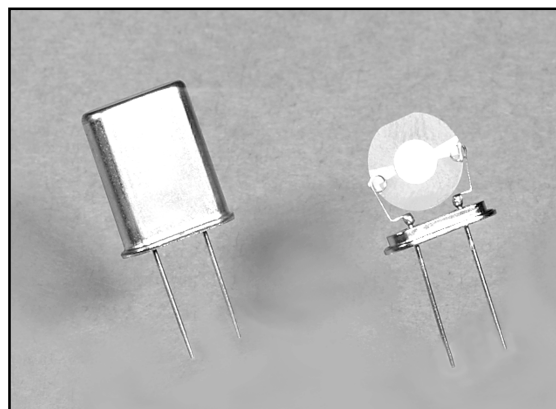


### Features:

- Frequency Range 10 kHz to 1.5 MHz
- NT, DT, and AT Cut Families
- Solder Seal, Resistance Weld Seal, and Coldweld Seal Packages
- Stable Frequency Sources for Instrumentation, Sensor, Broadcast, and Applications



CTS Reeves low frequency resonators are carefully crafted to meet the applications that require a Kilohertz- or low Megahertz-crystal. Years of experience in the cutting and lapping of the quartz plates, as well as the plating, mounting, and frequency adjust steps gives CTS Reeves a head start in supplying the quality low frequency resonators you need for your application.

### Typical Specifications for each Crystal Type is Listed Below:

FREQUENCY RANGE	10 kHz -150 kHz	80 kHz - 150 kHz	80 kHz - 200 kHz	190 kHz -400 kHz	300 kHz -100 kHz	500 kHz - 1000 kHz
CUT	NT	NT	5°X	DT	SL	SL
AVAILABLE HOLDERS (see below)		HC-6 HC-36 HC-33 HC-47 HC-51	HC-13	HC-6 HC-36 HC-33 HC-47 HC-51	HC-6 HC-36 HC-33 HC-47 HC-51	HC-18 HC-43 HC-49 HC-25 HC-50
FREQUENCY TOLERANCE -40 to 70°C	.01%	.01%	.01%	.01%	.01%	.015%
MAXIMUM SERIES RESISTANCE in Ohms	40K @ 15 kHz to 5K @ 150 kHz to	13K @ 80 kHz to 5K @ 150 kHz	2K @ 150 kHz to 3K @ 200 kHz	1K @190 kHz to 2.5K @ 400 kHz	1.8K @ 500 kHz to 7K @ 1000 kHz	1.8 kHz @ 500 kHz to 7K @ 1000 kHz
ZERO TEMPERATURE COEFFICIENT	20°C to 75°C	20°C to 75°C	20°C to 75°C	20°C to 75°C 20°C to 75°C	20°C to 75°C	20°C to 75°C
AGING 1ST MONTH IN PPM/DAY	.2	.2	.2	.2	.2	.2
AGING AFTER 3 MONTHS IN PPM/DAY	.05	.05	.05	.05	.05	.05
MAXIMUM DRIVE LEVEL MW	.2	.4	2.0	2.0	2.0	2.0

### Ordering Information:

Contact CTS Reeves for ordering information.