

FEATURES

- * Cost effective
- * Excellent aging
- * Wide frequency range
- * Low profile
- * Excellent reliability
- * "AT strip" blank technology

This product represents our selection of low profile resistance weld type quartz crystals.

OPTIONS:

- extended temperature range
- tighter tolerances
- mylar spacer



OPERATING CONDITIONS/ELECTRICAL CHARACTERISTICS

PARAMETERS	CONDITIONS	MINIMUM	MAXIMUM	UNITS
FREQUENCY RANGE	f_0	3.57	70.000	MHz
FREQUENCY TOLERANCE	@ +25°C		±30	PPM
FREQUENCY STABILITY _{ref} @ 25°C	Standard -10 ~ +70°C		±50	PPM
	Option -40 ~ +85°C		±100	PPM
OPERATING TEMPERATURE	Standard	-10	+70	°C
	Option	-40	+85	°C
STORAGE TEMPERATURE		-40	+105	°C
SHUNT CAPACITANCE	C_0		7.0	pF
LOAD CAPACITANCE	C_L (Customer Specified)	8	Series	pF
DRIVE LEVEL	3.57 ~ 70.000MHz		100	µW
AGING (FIRST YEAR)	@ +25°C		±5.0	PPM

EQUIVALENT SERIES RESISTANCE / MODE OF OSCILLATION

FREQUENCY RANGE (MHz)	MODE	MAX ESR(Ω)	FREQUENCY RANGE (MHz)	MODE	MAX ESR(Ω)
3.570 ~ 3.999	Fundamental	200	9.000 ~ 12.999	Fundamental	60
4.000 ~ 4.999	Fundamental	150	13.000 ~ 19.999	Fundamental	40
5.000 ~ 5.999	Fundamental	120	20.000 ~ 40.000	Fundamental	30
6.000 ~ 6.999	Fundamental	100	30.000 ~ 70.000	3rd O/T	100
7.000 ~ 8.999	Fundamental	80			

PACKAGE DIMENSIONS (mm)



Height "H" ± (max.)	
A	3.5 mm
B	2.5 mm
C	2.0 mm

