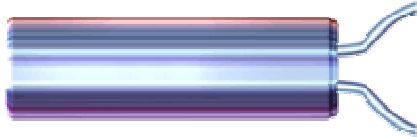


RoHS Compliant

A38SAT

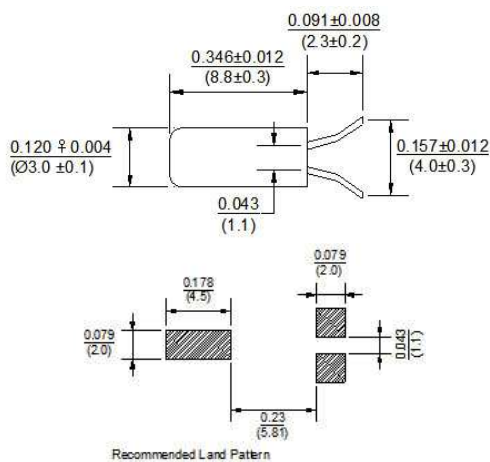


8.8 x 3.1mm

FEATURES

- AT-cut performance
- Small Size

DIMENSIONS (mm)



Motional (Series) Resistance R1

TABLE 1

Frequency (MHz)	ESR(Ω) max
4.000 - 5.999	150
6.000 - 9.999	100
10.000 - 32.000	50
30.000 - 35.99 (3rd OT)	100
36.00 - 70.00 (3rd OT)	80

STANDARD SPECIFICATIONS

Item	A38SAT	Conditions
Nominal Frequency	4.001 ~ 70MHz	4.001 MHz - 32.0 MHz (Fundamental) 30.00 MHz - 70 MHz (Third-Overtone)
Frequency Tolerance	+/- 30ppm	At 25 °C
Load Capacitance	16.0pF (std)	
Operating Temperature Range	-10 °C to +60 °C	
Storage Temperature Range	-40 °C to +85 °C	
Motional (series) Resistance	See Table above	
Level of Drive	100 μ W Max	
Aging (first year)	+/- 5ppm Max	
Shunt Capacitance	5.0pF max	