

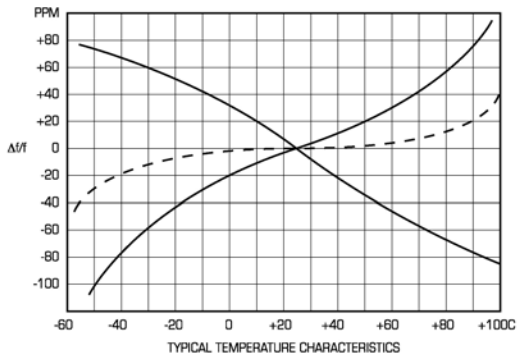
Electrical Specifications



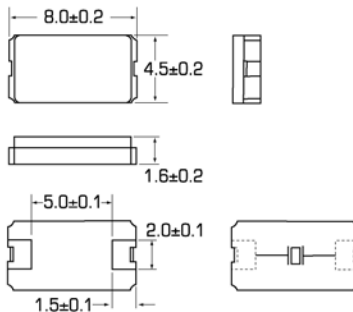
Model	S 12
Frequency Range	12.000MHz ~90.000 MHz
Frequency Tolerance @ 25°C	± 50ppm
Temperature Stability Tolerance	± 50ppm over -20°C to +70°C (AT-CUT) ± 100ppm over -10°C to +60°C (BT-CUT)
Load Capacitance	18pF
Shunt Capacitance	5pF Max
Drive Level	100µ Watts Max
Aging	± 5ppm Max @ +25°C ± 3°C per year
Reflow Soldering Condition	10 Seconds Max @ +235°C ±5°C

DIMENSIONS(mm)

AT-CUT

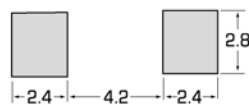
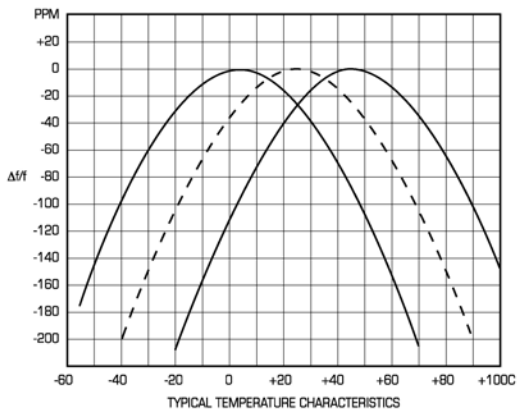


Mechanical Specifications



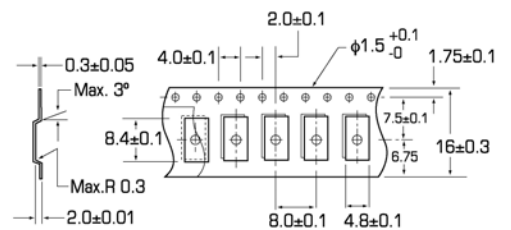
PACKAGE DATA	
Item	Package
Lid	Ceramic
Base	Ceramic
Sealing	Glass-frit / Resin
Terminal Plating	Gold

BT-CUT



Soldering Pattern

Tape Specifications



1,000 pcs. per reel
(178mm dia.)

