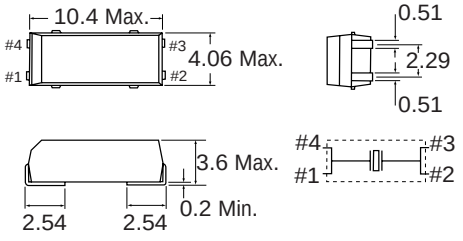
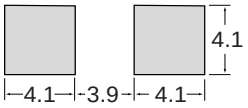
PLASTIC PACKAGE SURFACE MOUNT CRYSTALS

MODEL SM8

Model	SM8
Frequency	32.768kHz
Frequency Tolerance @25°C ± 5°C	±20ppm
Operating Temperature Range	-40°C to +85°C
Temperature Coefficient	-0.034ppm/°C², Typical
Storage Temperature Range	-55°C to +125°C
Equivalent Series Resistance	50 KΩ Max
Load Capacitance	12.5 pF, Typical
Insulation Resistance	500MΩ Min at 100V DC ±15V
Turnover Temperature	+25°C ±5°C
Shunt Capacitance	1.35pF, Typical
Motional Capacitance	0.003pF, Typical
Capacitance Ratio	450, Typical
Drive Level	1.0µ Watts Max
Aging for first year	±3ppm Max at 25°C ±3°C
Reflow Soldering Condition	10 Seconds max. at +235°C ±5°C

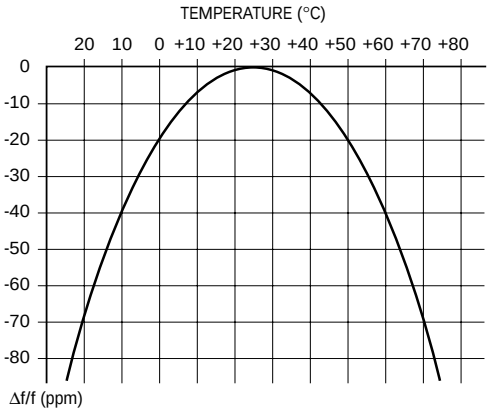
DIMENSIONS(mm)





Soldering Pattern

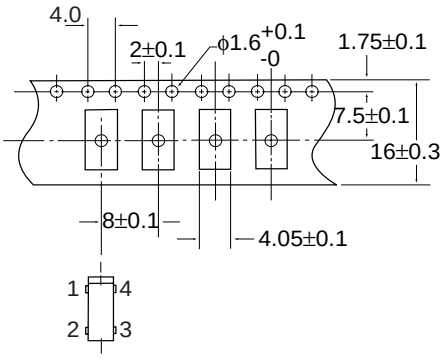
X-Cut



Typical Temperature Characteristics

Tape Specifications

2,000 pcs. per reel
(330mm dia.)



PACKAGE DATA	
Item	**Package**
Outer Package	Plastic
Sealing	Press-fit (2x6mm built-in)
Terminal Plating	Solder

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