

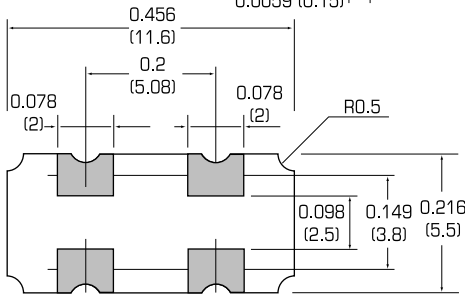
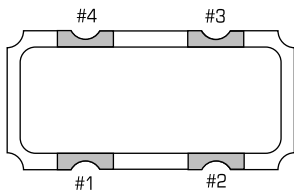


CERAMIC PACKAGE AT-STRIP SURFACE MOUNT CRYSTALS

MODEL SM6

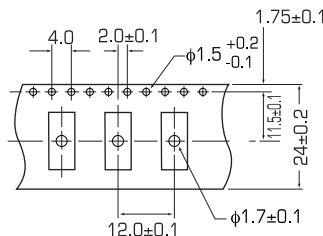
Model	SM6
Frequency Range	3.579545MHz ~ 25.000 MHz
Oscillation Mode	Fundamental
Frequency Tolerance @ 25°C	± 50ppm Standard, Optional Tolerances Available
Frequency Stability	± 50ppm Standard, Optional Tolerances Available
Operating Temperature Range	-10°C ~ +60°C Standard, Optional Temperature Ranges Available
Storage Temperature Range	-55°C ~ +125°C
Equivalent Series Resistance	Resistance Specifications Below (See Chart Below)
Load Capacitance	Custom Specified or Series resonant available
Shunt Capacitance	5pF Max
Drive Level	100µ Watts Correlation
Insulation Resistance	500 megohms Min / 50V DC
Aging for first year	+5ppm Max
Reflow Soldering Condition	10 Seconds max. at +235°C ±5°C

DIMENSIONS Inches (mm)

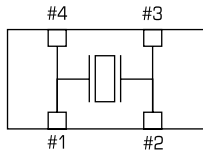


AT-CUT

Tape Specifications

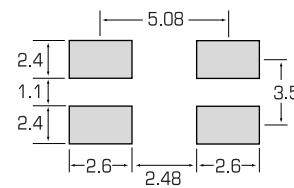


2,000 pcs. per reel
(330mm dia.)

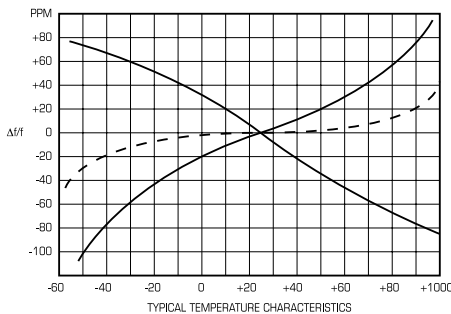


(Top View)

Recommended Soldering Pattern



Frequency	Equivalent Series Resistance
3.579 MHz+	200Ω Max
4.000 MHz+	150Ω Max
6.000 MHz+	100Ω Max
10.000 MHz+	80Ω Max
14.31818 MHz+	50Ω Max
25.00 MHz+	40Ω Max



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