

SX-2520

CRYSTAL

SMD



TYPICAL APPLICATIONS

Bluetooth, MP3, PDA, Cellular, Wireless LAN, Audio Equipment, Disc Drivers, PCMCIA, PCs, Hand-held Electronic Products

FEATURES

Ultra-thin, Ceramic SMD Package, Vacuum Seam Sealed, Lead-free Design, Tight Tolerance and Stability, Reflow Soldering, **Emboss** Taping, RoHS Compliant Standard

DIMENSIONS

2.5x2.0x0.5[mm]



TYPICAL SPECIFICATIONS

Model	SX-2520	
Nominal Frequency Range	20.000~50.000MHz	
Standard Frequency	16.000, 20.000, 26.000, 32.000MHz	
Vibration Mode	Fundamental [AT]	
Frequency Tolerance (@ +25°C)	±10 ppm	
Freq. Temp. Characteristics (Ref. to 25°C)	±10 ppm	±15 ppm
Operating Temperature Range	-20°C~+75°C	-30°C~+85°C
Storage Temperature Range	-40°C~+90°C	
Load Capacitance	8pF, 10pF, 12pF	
Shunt Capacitance	5pF Max.	
Drive Level	10µW (100µW Max.)	
Equivalent Series Resistance	See Table 1	
Aging (+25°C)	±1, ±3 ppm / year Max.	

Please consult with our sales department for other parameters.

*Package quantity 1,000 pcs max./reel.

OUTLINE DIMENSIONS
Unit:mm

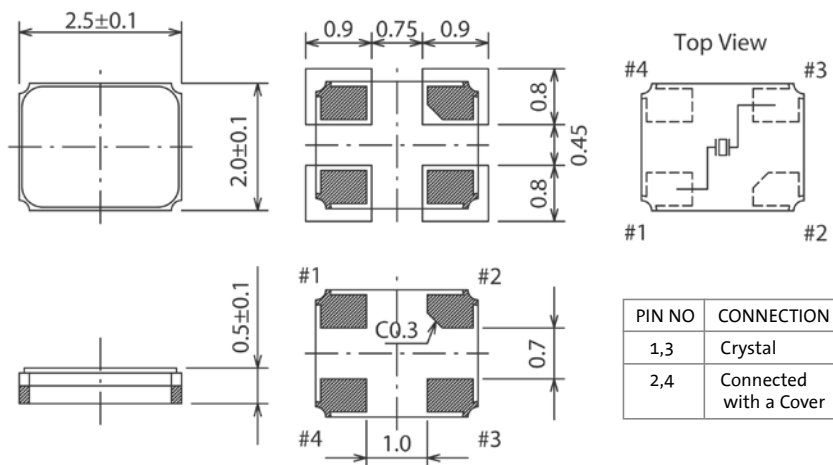


TABLE 1: ESR

AT-cut Fundamental	
Frequency (MHz)	ESR(Ω)
20.000 ~ 34.999	100
35.000 ~ 50.000	50

All specifications are subject to change without notice.