



**CERAMIC SEAM SEALED SURFACE MOUNT PACKAGE - XCS21 Series**

**FEATURES**

- RoHS Compliant (Pb-Free), Ultra Miniature Design (2x1.6x0.45 mm)
- AT-cut Crystal, Tight Frequency Stability over Wide Temperature Range; Excellent Aging
- Low and Level ESR; Excellent Drive Level Characteristics
- Industry de factor Standard Footprint; Excellent for High Density Surface Mounting

**SPECIFICATIONS**

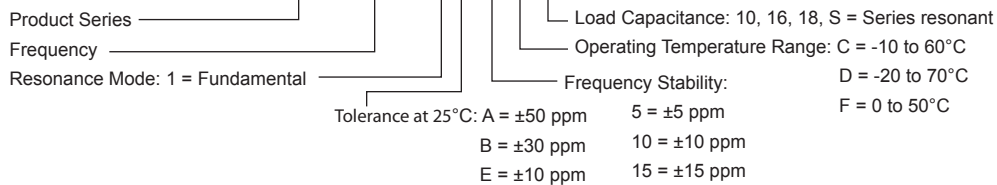
**Frequency Range** 18 MHz to 60 MHz  
**Resonance Mode** 1 = Fundamental (18 to 60 MHz)  
**Standard Frequency** 24, 26, 27, 32, 36, 38.4, 40, 44, 48 MHz

**Calibration Tolerance @25°C** A = ±50 ppm; B = ±30 ppm; C = ±20 ppm; D = ±15 ppm; E = ±10 ppm  
**Frequency Stability Ref @25°C** 10 = ±10 ppm; Tighter stability available  
**Temperature Range** C = -10°C to 60°C; Extended temperature range available  
**Crystal Aging** ±3 ppm / year Maximum  
**Storage Temperature** -40°C to 85°C

**Load Capacitance (CL)** CL = 10 pF (Standard), 16 pF, 18 pF, others, or S = Series resonant  
**Shunt Capacitance** 7.0 pF Maximum  
**Drive Level** 0.1 mW Maximum

**Creating a Part Number**

**XCS21-26M000-1 E 10 C 10 -options**



**Equivalent Series Resistance**

Frequency (MHz)	Mode	Max ESR (Ohms)
18.000 - 60.000	Fund	60 - 300

**OUTLINE DRAWING**

