

CERAMIC SEAM SEALED SURFACE MOUNT PACKAGE - XCS32 Series

FEATURES

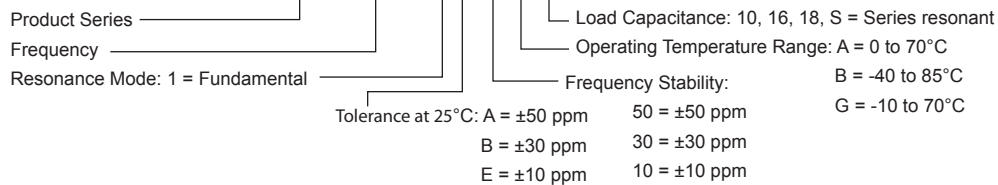
- RoHS Compliant (Pb-Free), Ultra Miniature Design (3x2.5x0.7 mm)
- AT-cut Crystal, Tight Frequency Stability over Wide Temperature Range; Excellent Aging
- Low and Level ESR; Excellent Drive Level Characteristics
- Industry de factor Standard Footprint; Excellent for High Density Surface Mounting

SPECIFICATIONS

Frequency Range	12 MHz to 55 MHz
Resonance Mode	1 = Fundamental (12 to 55 MHz)
Standard Frequency	26, 27, 32, 36, 45.194, 48 MHz
Calibration Tolerance @25°C	E = ±10 ppm; Tighter tolerance available
Frequency Stability Ref @25°C	10 = ±10 ppm; Tighter stability available
Temperature Range	G = -10°C to 70°C; Extended temperature range available
Crystal Aging	±5 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

XCS32-26M000-1 E 10 G 10 -options



Equivalent Series Resistance

Frequency (MHz)	Mode	Max ESR (Ohms)
12.000 - 29.999	Fund	60
30.000 - 55.000	Fund	50

OUTLINE DRAWING

