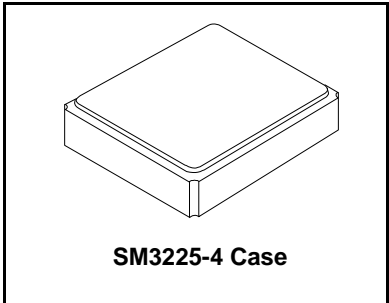




XTL1011

**26.00 MHz
Crystal Unit**



- **Ceramic Seam Weld Package**
- **Excellent Reliability Performance**
- **Ultra Miniature Package**
- **Available to Surface Mount Technology and IR Reflow Process**

The XTL1011 is a surface mount 3.2 x 2.5 mm crystal unit for use in wireless communications devices, especially for a need of ultra miniature package for mobility.

Electrical Characteristics

Characteristic	Sym	Notes	Minimum	Typical	Maximum	Units
Nominal Frequency				26.000000		MHz
Mode of Oscillation			Fundamental			
Storage Temperature Range			-40		+85	°C
Operating Temperature Range			-20		+75	°C
Frequency Stability over Operating Temperature Range			±30 ppm (referred to the value at 25°C)			
Frequency Make Tolerance	FL		±30 ppm @ 25°C ±3°C			
Equivalent Series Resistance	ESR				80	Ω
Nominal Drive Level				10		uW
Shunt Capacitance	Co				3.0	pF
Load Capacitance	CL			9		pF
Insulation Resistance			500 MΩ min./DC 100V			
Lid Symbolization (in addition to Lot and/or Date Codes)			1011 <u>YWWS</u>			



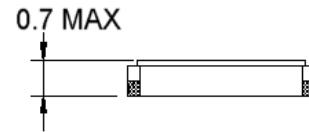
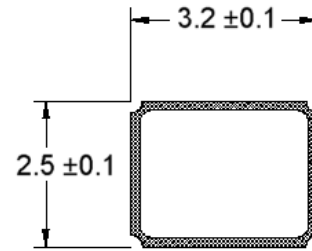
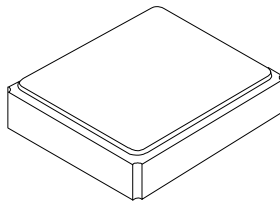
CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.

Notes:

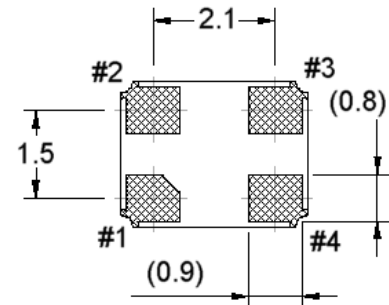
1. The design, manufacturing process, and specifications of this device are subject to change without notice.

SM3225-4 Case

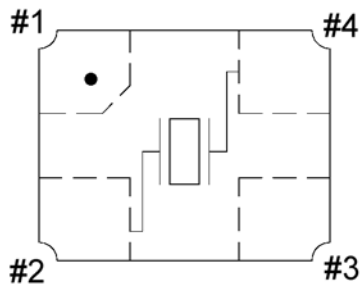
4-Terminal Surface-Mount Seam Weld Case 3.2 x 2.5 mm Nominal Footprint



Pin	Connection
1	GND
2	IN/OUT
3	GND
4	IN/OUT



Internal Connections
(Top View)



Land Pattern
(unit: mm)

