

# ACU3225



## MINIATURE SIZE SMD CRYSTAL UNIT

The ACU3225 is a high-density miniature size SMD package with seam welding. This highly reliable, stable, and accurate device is suitable for Bluetooth, W-LAN, Clock for MPU, DVC, DSC, and mobile telecommunication applications.

### □ FEATURES

- Rugged, resistance to shock and vibration.
- Ideally suited for automated pick-and-place assembly environment.
- Can be mounted to PCB using a lead free solder reflow process.
- Complied with RoHS.

### □ STANDARD SPECIFICATIONS

Part Number	ACU3225
Dimension	3.2 x 2.5 x 0.7
Mode of Vibration	Fundamental
Frequency Range	13.000 MHz ~ 60.000 MHz
Frequency Tolerance	$\pm 10 \times 10^{-6} \sim \pm 50 \times 10^{-6}$ (@25°C±3°C)
Temperature Characteristics	$\pm 10 \times 10^{-6}$ / -20°C ~ +70°C (NOTE)
Load Capacitance	8pF, 12pF, 16pF Typical (NOTE)
Series Resistance	120 Ω max.
Drive Level	50μW max.
Aging	$\pm 5 \times 10^{-6}$ / year
Operating Temperature Range	-20°C ~ +70°C (NOTE)
Storage Temperature Range	-55°C ~ +125°C

NOTE: Please consult us for tight stability and different load capacitance.

### □ OUTLINE DRAWINGS Dimensions in mm. Do not scale.

