

ACU6035

LOW PROFILE SMD CRYSTAL UNIT



The ACU6035 is a common 6.0 x 3.5mm SMD package with seam welding. This highly reliable, stable, and accurate device is suitable for Digital AV devices, Clock source of IC, 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

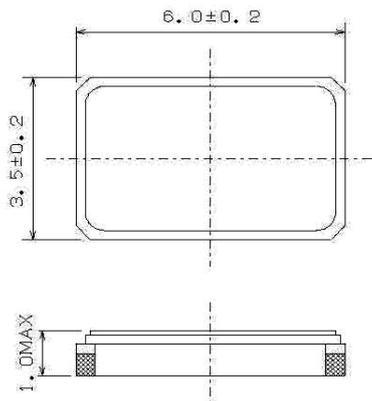
□ STANDARD SPECIFICATIONS

Part Number	ACU7050	
Dimension	6.0 x 3.5 x 1.0	
Mode of Vibration	Fundamental	3rd Overtone
Frequency Range	10.000 MHz ~ 44.000 MHz	45.000 MHz ~ 120.000 MHz
Frequency Tolerance	$\pm 10 \times 10^{-6} \sim \pm 50 \times 10^{-6}$ (@25°C±3°C)	
Temperature Characteristics	$\pm 10 \times 10^{-6} / -20^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (NOTE)	
Load Capacitance	Series, 12pF, 16pF, 30pF Typical (NOTE)	
Series Resistance	40 Ω max.	55 Ω max.
Drive Level	100 μ W max.	
Aging	$\pm 3 \times 10^{-6}$ / year	
Operating Temperature Range	-20°C ~ +70°C	
Storage Temperature Range	-40°C ~ +85°C	

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

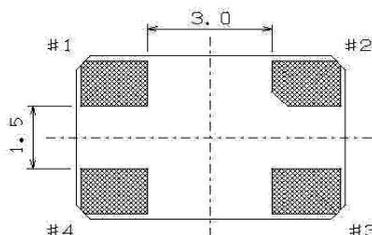
□ OUTLINE DRAWINGS

Dimensions in mm. Do not scale.



Pin Connection

- #1: HOT
- #2: GND
- #3: HOT
- #4: GND



□ REFERENCE LAND PATTERN

