

Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 TEL: 1-281-870-8822 EMAIL: Sales@DynamicEng.com L H5 @\$\$% 5 @' &A < n!5 SMD Crystal Units

Features and Benefits

Ultra-thin, thickness 1.0mm Leadless type High precision characteristic covering up to high frequency range Designed for automatic mounting and reflow soldering Embossed taping specification

Typical Applications

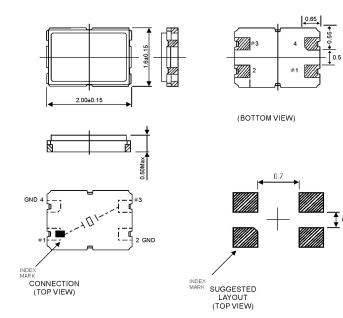
Bluetooth wireless communication sets DSN, PDA and Mobile Phone

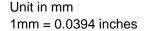
Description

XTAL2016AL-32MHz-A offers 32MHz frequency, high precision and high frequency stability, allowing for high density surface mounting, ideally suited designed for use in Portable Applications.

Mechanical Drawing & Pin Connections

Drawing No: A 8 & \$ \$ () !%





Dynamic Engineers reserves the right to make changes to the company datasheet(s) along with other information contained inside; such as data tables and araphs without notification to potential customers who may have earlier revisions in their possession.



Dynamic Engineers Inc.

2550 Gray Falls Dr., Suite#128, Houston, TX, 77077 TEL: 1-281-870-8822 EMAIL: Sales@DynamicEng.com

Specifications

Oscillator Specification	Sym	Condition	Value				Nete
			Min.	Тур.	Max.	Unit	Note
Frequency	F			32		MHz	
Mode			AT/Fundamental				
Load Capacitance	C∟		10			pF	
Shunt Capacitance	C ₀				5	pF	
Drive Level				100		uW	
Equivalent Series Resistance					60	ohm	
Frequency Stability							
Frequency Stability		Over Operating Temperature		±10		ppm	
Frequency Tolerance		(at 25℃)		±10		ppm	
Aging		@+25°C 1st year			±3	ppm	
Environmental Conditions							
Operating temperature range		-20°C to +70°C					
Storage temperature range		-40°C to +85°C					