Dynamic Engineers Inc.

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

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High Temperature HC49US Crystal

Features and Benefits

Frequency range: 8.192MHz Load capacitance: 15pF Drive level: 50uW-1mW Stability: 100ppm

Operating temperature: -45°C--+200°C

Size:11.5x4.65mm

Typical Applications

Any Reliable High Temperature Operation Field

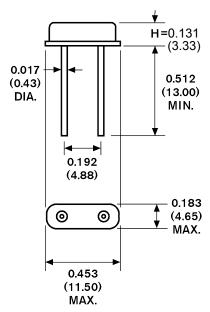
Description

XTAL49USBC-ET-8.192MHz-A ideally suited for Reliable High Temperature Operation Field.

Mechanical Drawing & Pin Connections

Drawing No:

MD200053-1



Units: inch/(mm)



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XTAL49USBC-ET-24MHz-A

High Temperature HC49US Crystal

Specifications

Oscillator	Sym	Condition	Value			Unit	Note
Specification			Min.	Тур.	Max.	Ullit	Note
Frequency	F			8.192		MHz	
Shunt Capacitance					7	pF	
Load Capacitance				15		pF	
Temperature Tolerance					±100	ppm	
Series Resistance			120			ohm	
Operating temperature			-45°C+200°C			°C	
Drive Level			50µW typical, 1mW max				
Aging/Year		25°C	±5			ppm	

All specifications subject to change without notice.