

## 表面実装型水晶振動子 - SMD3-

## SMD CRYSTAL UNIT - SMD3 -

## TYPE:49/U-SMD3-L41



## ◆ 特徴/FEATURES

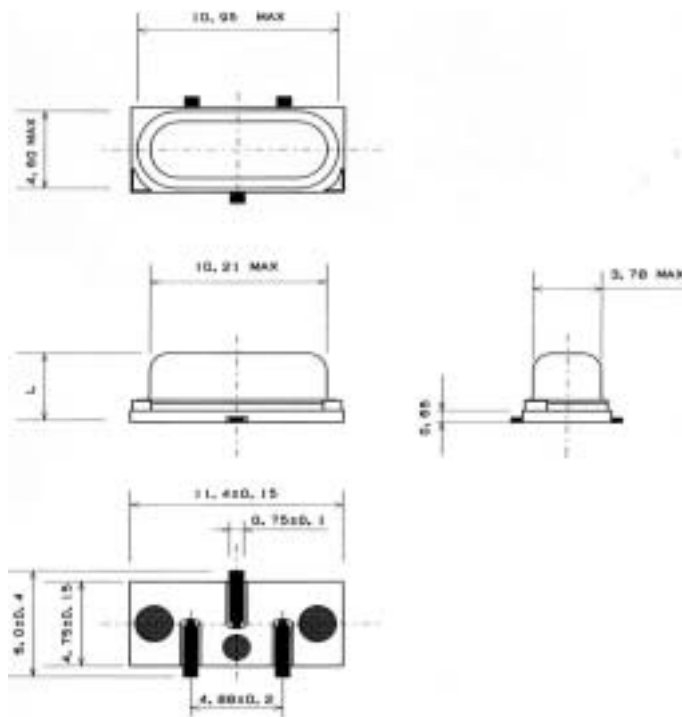
- 優れた環境特性(耐高温・耐低温・耐震・耐衝撃性)  
Excellent environmental performance.
- 金属パッケージ抵抗溶接の優れた気密性  
Proven resistance weld metal package.
- リフロー実装時のワークの安定性が高い  
Excellent in physical stability at the reflow.
- 回路に応じて49/U-SMD(従来型)と選択が可能  
Appropriate selection according to circuit

RoHS Compliant

## □ STANDARD SPECIFICATIONS

Frequency range	3.5MHz to 36MHz	22MHz to 46MHz	32MHz to 65MHz
Mode of oscillation	AT Fundamental	BT Fundamental	AT 3rd OT
Tolerance at 25°C±3°C	±30 x 10 <sup>-6</sup>		
Frequency stability for -10°C to +60°C	±50 x 10 <sup>-6</sup>	±100 x 10 <sup>-6</sup>	±50 x 10 <sup>-6</sup>
Operating temperature range	-40°C to +85°C		
Storage temperature range	-55°C to +125°C		
Equivalent series resistance	See table		
Drive level	100μW typical		
Load capacitance	12pF to 32pF or series		

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



## □ ESR TABLE

	Frequency Range (MHz)	Maximum ESR (Ω)
AT Fundamental	3.5 - 4.0	180
	4.0 - 5.0	150
	5.0 - 6.0	120
	6.0 - 7.0	100
	7.0 - 9.0	80
	9.0 - 13.0	60
	13.0 - 20.0	50
BT	22.0 - 46.0	40
OT	32.0 - 65.0	80

TYPE	L (mm)
L41	4.1