EDCON-COMPONENTS

Features

Frequency Range 1,8432MHz ~ 150,0MHz
THT Soldering
High shock Tolerance
Height max. 13,46mm
Reliable frequency stability

Applications

For a clock source in digital equipments
Microprozessor systems
Consumer Electronics
Instrumentation
Automotive electronics

Specifications

Frequency Range:		1,8432Mhz ~ 150MHz	
Load capacitance		16pf,18pf,20pf,30pf	
Drive Level		100µW typ.	
Frequency Tolerance		.+/-30ppm at 25°C Typical / or Specify	at 25°C Need to specify
Series Resistance:		Look table	at 25°C Depend on frequency
Turnover Temperature:		25 +/-5°C	
Temperature Coeffizient:		(-0,034 +/-0,006) ppm/°C	
Operating Temperature		look order Code	
Storage Temperature Range		. -40°C ~ +85°C	
Parallel Capacitance:		7,0pf Typ.	
Aging (First Year)		.+/- 3ppm Max.	at 25°C +/-3°C
Quality Factor		50000 Typ.	
Insulation resistance		500MΩ Min.	DC100V +/-15V (Pin to Pin, Pin to Case)

Temperature Range	Frequency Stability					
	.+/-10ppm	.+/-15ppm	.+/-20ppm	.+/-25ppm	.+/-30ppm	.+/-50ppm
.-10°C ~ +60°C	√	√	√	√	√	√
.-20°C ~ +70°C			√	√	√	√
.-40°C ~ +85°C						√

Quarz Crystal Case HC49
Height 13,5mm max.

Part No.: **O11012**

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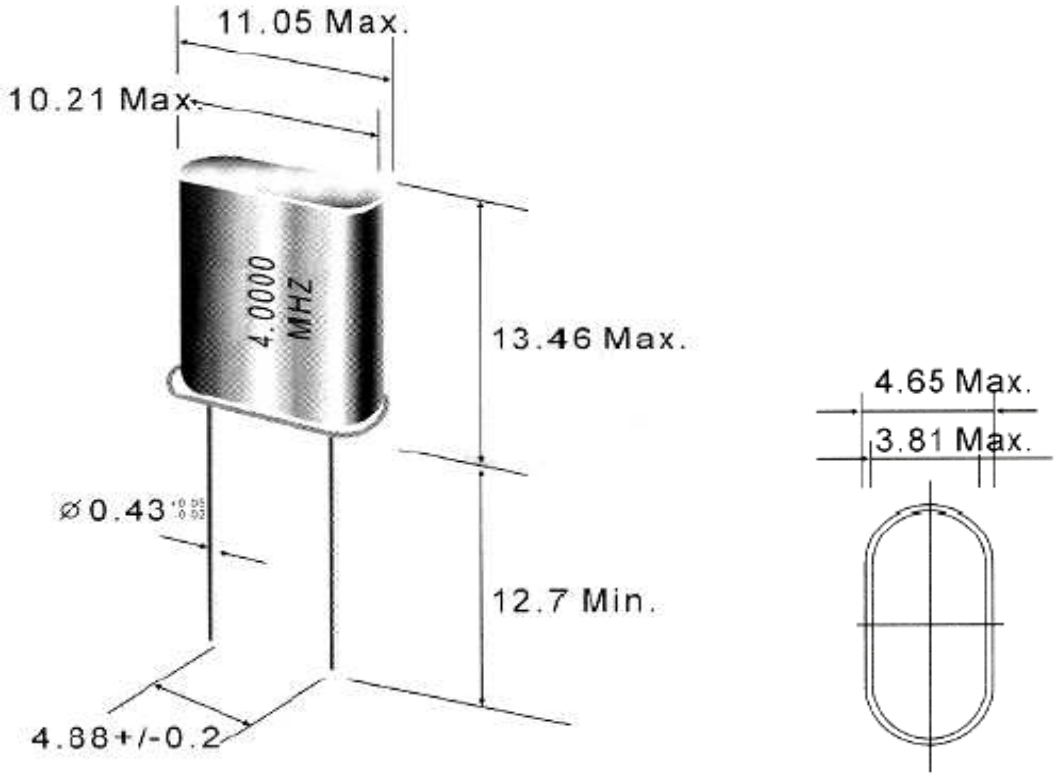
Technical Dimensions Dimensions (mm)



Frequency Stability us Operating Temperature Range

Frequency Range	E.S.R (Ω)	Mode
1,843MHz ~ 1,999Mhz	350 max.	Fundamental / AT
2,000Mhz ~ 2,399Mhz	300 max.	Fundamental / AT
2,400MHz ~ 2,999MHz	200 max.	Fundamental / AT
3,000MHz ~ 3,199MHz	150 max.	Fundamental / AT
3,200MHz ~ 3,499MHz	100 max.	Fundamental / AT
3,500MHz ~ 3,899MHz	90 max.	Fundamental / AT
3,900MHz ~ 4,099MHz	70 max.	Fundamental / AT
4,100MHz ~ 5,999MHz	60 max.	Fundamental / AT
6,000MHz ~ 6,999MHz	50 max.	Fundamental / AT
7,000MHz ~ 9,999MHz	30 max.	Fundamental / AT
10,000MHz ~ 12,999MHz	20 max.	Fundamental / AT
13,000MHz ~ 30,000MHz	20 max.	Fundamental / AT
24,000MHz ~ 29,999MHz	50 max.	Third Overtone
30,000MHz ~ 65,000MHz	40 max.	Third Overtone
60,000MHz ~ 99,999MHz	90 max.	Third Overtone
100,000MHz ~ 150,00MHz	60 max.	Fundamental / AT

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Ordering Informations

Serie	Frequency Range	Frequency Tolerance	Load Capacity	Temperature Range	Frequency Stability	Mode	ROHS	Packing
O11012	**1M84320000**	**B**	**C**	**B**	**A**	**1**	**R**	**BU**
	10 Letters (empty fill w. 0)	**B**= +/-30ppm	**C=** 12pf	**B**= -10°c ~ +60°C	**A**= +/-50ppm	**1**= Fundamental	**R**= ROHS Conform	**BU=** Bulk Ware 100PCS
		C= +/-20ppm	**D=** 16pf	**D**= -20°c ~ +70°C	**B**= +/-30ppm	**3**= 3th Overtone	**N**= NON ROHS Conform	**TR=** Tape/Reel 1000PCS
		D= +/-10ppm	**E=** 18pf	**F**= -40°c ~ +85°C	**C**= +/-25ppm	**5**= 5th Overtone		
			G= 20pf		**D**= +/-20ppm			
			H= 30pf		**E**= +/-15ppm			
			J= 32pf		**F**= +/-10ppm			

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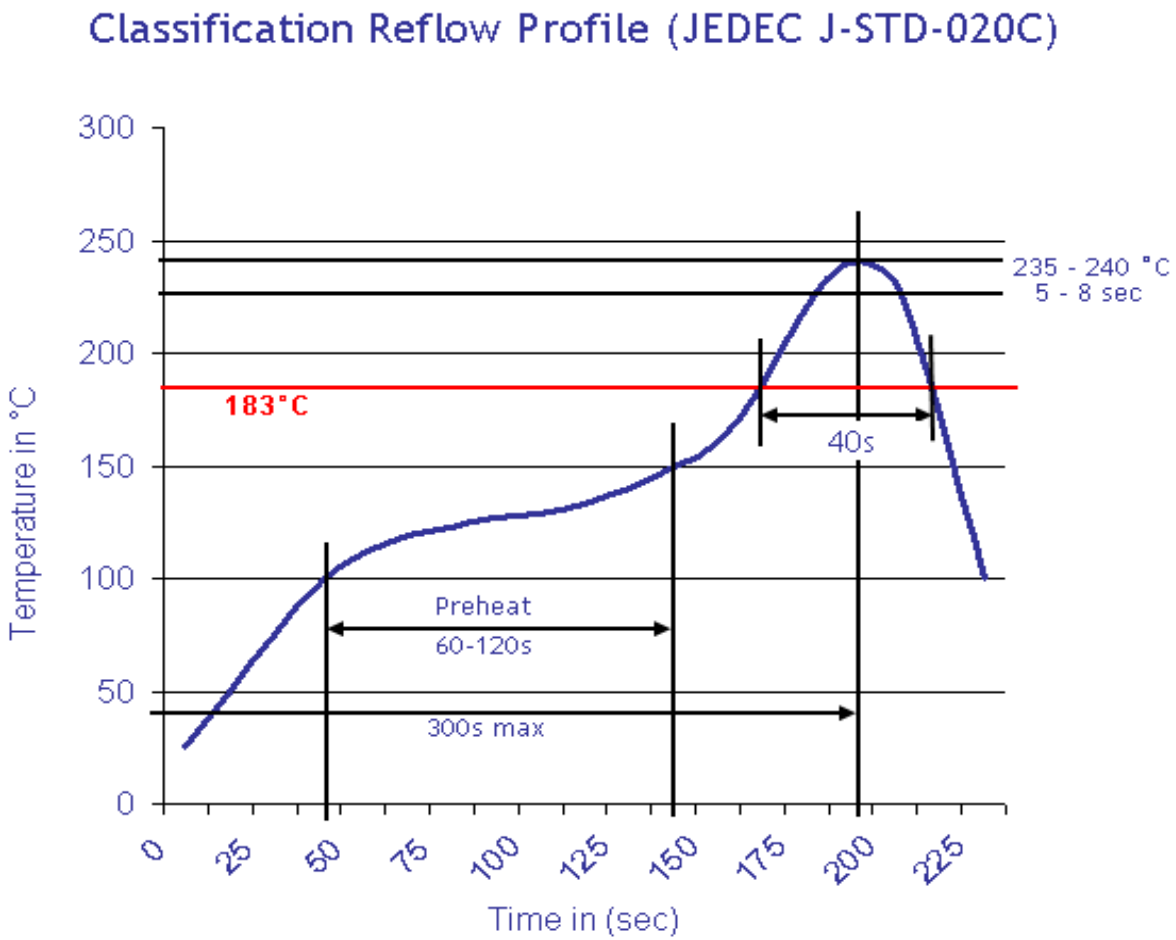
Soldering Profile



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