EDCON-COMPONENTS

Features

Frequency Range 3,579MHz ~ 50,0MHz
THT Soldering
High shock Tolerance
Small size
Reliable frequency stability

Applications

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

Specifications

Frequency Range:		3,579Mhz ~ 50MHz	
Load capacitance		12pf, 16pf,18pf,20pf	
Drive Level		10 ~ 100µW Max.	
Frequency Tolerance		.+/-20ppm	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		. -55°C ~ +125°C	
Shunt Capacitance:		2,0pf 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)

Frequency Range	E.S.R (Ω)	Mode
3,579MHz ~ 3,999Mhz	180 max.	Fundamental / AT
4,000Mhz ~ 4,499Mhz	150 max.	Fundamental / AT
4,500MHz ~ 4,999MHz	120 max.	Fundamental / AT
5,000MHz ~ 6,999MHz	100 max.	Fundamental / AT

Frequency Range	E.S.R (Ω)	Mode
7,000MHz ~ 9,999MHz	80 max.	Fundamental / AT
10,000MHz ~ 11,999MHz	60 max.	Fundamental / AT
12,000MHz ~ 29,999MHz	40 max.	Fundamental / AT
30,000MHz ~ 50,000MHz	80 max.	3rd Overtone / AT

Cylindrical Quarz Crystal 3x9mm

Part No.: **O11010**

DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	10.07.2009
APPD:	Victor			FINISH	Oliver		Sheet No.		1 from 4

Customer:

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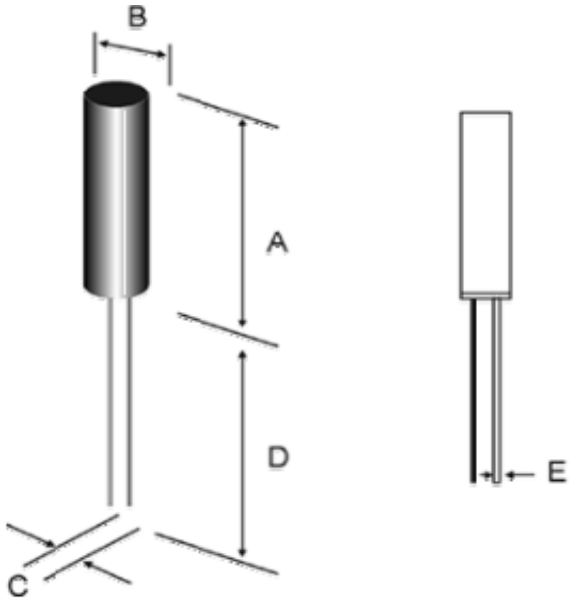
Technical Dimensions Dimensions (mm)

3x9mm	A	B	C	D	E
	9,3	3,1	1,1	10,0	0,3

Frequency Stability us Operating Temperature Range

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



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Ordering Informations

Serie	Frequency Range	Frequency Tolerance	Load Capacity	Temperature Range	Frequency Stability	ROHS	Packing		
O11010	**3M57900000**	**B**	**C**	**B**	**A**	**R**	**BU101**		

10 Letters (empty fill w. 0)	**B**= +/-30ppm	**C=** 12pf	**B**= -10°c ~ +60°C	**A**= +/-50ppm	**R**= ROHS Conform	**BU101=** Bulk Ware 100PCS
	C= +/-20ppm	**D=** 16pf	**D**= -20°c ~ +70°C	**B**= +/-30ppm	**N**= NON ROHS Conform	**BU102=** Bulk Ware 1000PCS
	D= +/-10ppm	**E=** 18pf	**F**= -40°c ~ +85°C	**C**= +/-25ppm		
		G= 20pf		**D**= +/-20ppm		
				E= +/-15ppm		
				F= +/-10ppm		

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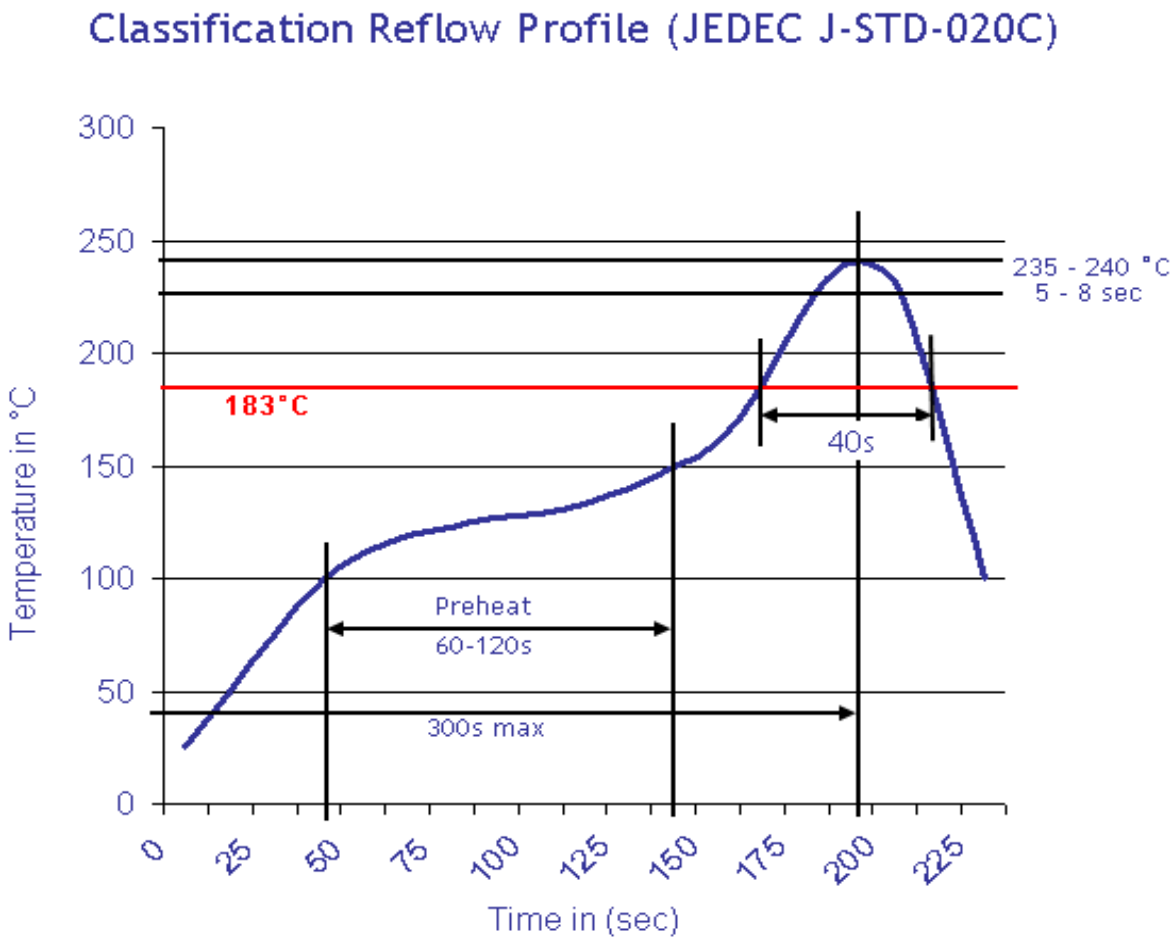
Soldering Profile



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Customer: