

EDCON-COMPONENTS



Features

- Frequency Range 32,768KHz
- 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:		32,768KHz	
Load capacitance		7,0pf / 12,5pf	
Drive Level		1,0µW Max.	
Frequency Tolerance		Look ordering table	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		. -10°C ~ +60°C / -20°C ~ +70°C	
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)

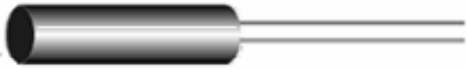
ESR	32KHz ~ 40KHz: 40KΩ max

**Cylindrical Quarz Crystal
3,0x8,0mm**

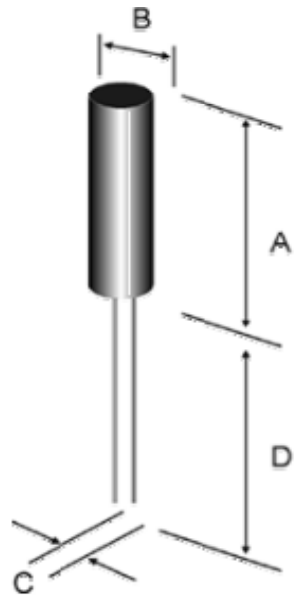
Part No.: **O11007**

DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	03.07.2018	Customer:
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Technical Dimensions Dimensions (mm)



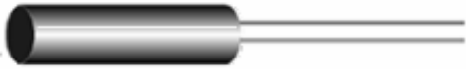
3x8mm	A	B	C	D	E
	8,30	3,10	1,10	10,00	0,30

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Ordering Informations

Serie	Frequency Range	Frequency Tolerance	Load Capacity	Temperature Range	ROHS	Packing				
O11007	-	32K7680000	C	N	A	R	BU101			

10 Letters (empty fill w. 0)	C= +/-20ppm	A= 7,0pf	A= -0°C ~ +50°C	R= ROHS Conform	BU101= Bulk Ware 100PCS
	D= +/-10ppm	B= 12,5pf	B= -10°C ~ +60°C		
		C~X= other pf	D= -20°C ~ +70°C		
			E= -30°C ~ +85°C		
			F= -40°C ~ +85°C		

Cylindrical Quarz Crystal 3,0x8,0mm	
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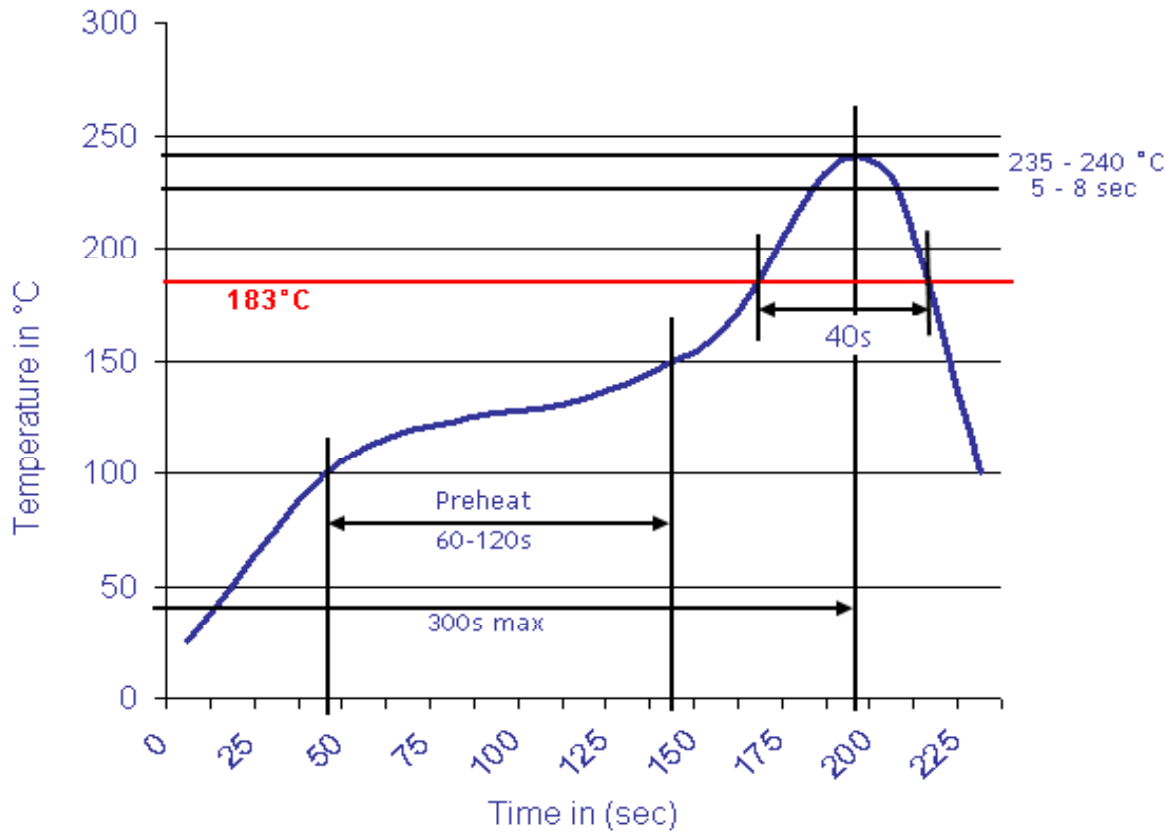
www.edcon-components.com

email: info@edcon-components.com



Soldering Profile

Classification Reflow Profile (JEDEC J-STD-020C)



Cylindrical Quartz Crystal 3,0x8,0mm	
Part No.:	O11007
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