

EDCON-COMPONENTS



Features

Frequency Range 32,00-350KHz
 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:		32,000 ~ 350KHzKHz	
Load capacitance		7,0pf / 12,5pf	
Drive Level		1,0μW 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		. -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
ESR	40KHz ~ 60KHz: 30KΩ max
ESR	60KHz ~ 70KHz: 25KΩ max
ESR	70KHz ~ 200KHz: 22KΩ max
ESR	200KHz ~ 350KHz: 20KΩ max

**Cylindrical Quarz Crystal
 3,0x9mm**

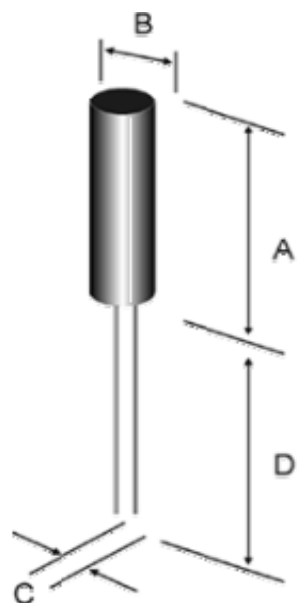
Part No.: **O11003**

DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	13.07.2013	Customer:
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Technical Dimensions Dimensions (mm)



3x9mm	A	B	C	D	E
	9,30	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				
O11003	32K7680000	C	B	A	R	BU101				

10 Letters (empty fill w. 0) Delivery of Range 32,00KHz z ~ 350KHz	C= +/-20ppm	A= 6,0pf	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		

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Soldering Profile

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



**Cylindrical Quartz Crystal
3,0x9mm**

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