

EDCON-COMPONENTS



Features

Frequency Range 32,768KHz
 Tuning Fork crystal with ceramic package type High Density SMD type.
 Light weight with small and thin packaging
 High-stability assured with tight vacuum sealing

Applications

Most appropriate for portable devices, automotive applications
 and mobile telecommunications devices.

Specifications

Frequency Range:		32,768KHz	
Load capacitance		12,5pf	
Drive Level		1,0μW Max.	
Frequency Tolerance		./-20ppm	at 25°C Need to specify
Series Resistance:		70K Ω MAX.	at 25°C Depend on frequency
Turnover Temperature:		25 +/-5°C	
Temperature Coefficient:		(-0,034 +/-0,006) ppm/°C	
Operating Temperature		. -40°C ~ +85°C	
Storage Temperature Range		. -55°C ~ +125°C	
Shunt Capacitance:		1,0pf Typ.	
Aging (First Year)		./- 5ppm Max.	at 25°C +/-3°C
Quality Factor		53000 Typ.	
Level of Drive		1,0μW Max.	

**SMD Quarz Crystal
 4,1x1,5mm 2PAD**

Part No.: **O12030**

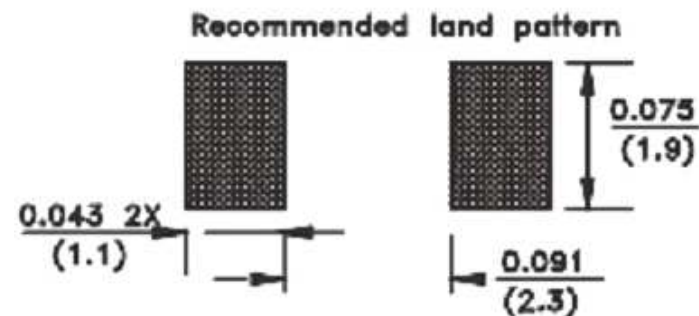
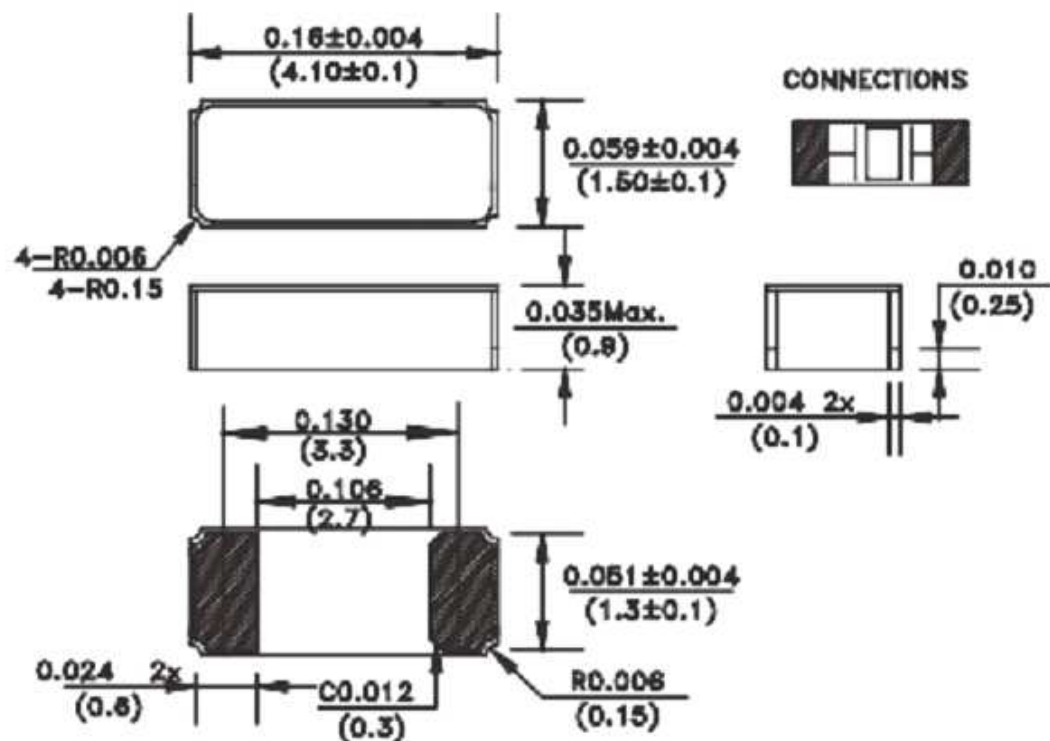
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APPD:	Victor			FINISH	Oliver		Sheet No.	1 from 4		

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Technical Dimensions Dimensions (mm)

P.C.B. Layout



**SMD Quarz Crystal
4,1x1,5mm 2PAD**

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www.edcon-components.com

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Ordering Informations

Serie	Frequency Range	Frequency Tolerance	No Function	Temperature Range	ROHS	Packing				
O12030	32K7680000	C	N	A	R	TR102				

10 Letters (empty fill w. 0)	C= +/-20ppm		A= -0°C ~ +50°C	R= ROHS Conform	TR102= Tape /Reel 1000PCS BU101= Bulk Ware 100PCS
	D= +/-10ppm		B= -10°C ~ +60°C	N= NON ROHS Conform	

SMD Quarz Crystal 4,1x1,5mm 2PAD	
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Soldering Profile

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



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