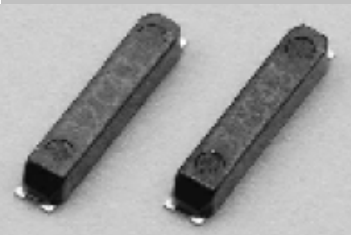


EDCON-COMPONENTS



Features

Frequency Range 30-200KHz
Suited for automatic mounting and reflow soldering

Applications

For a clock source in digital equipments

Specifications

Frequency Range:		32,768KHz	
Load capacitance		7,0pf / 12,5pf	
Drive Level		1,0μW Max.	
Frequency Tolerance		./-20ppm	at 25°C Need to specify
Series Resistance:		65K Ω MAX.	at 25°C Depend on frequency
Turnover Temperature:		25 +/-5°C	
Temperature Coefficient:		(-0,034 +/-0,006) ppm/°C	
Operating Temperature		. -45°C ~ +85°C	
Storage Temperature Range		. -55°C ~ +125°C	
Shunt Capacitance:		0,8pf 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)

**SMD Quarz Crystal
7,0x1,5mm 2PAD**

Part No.: **O12018**

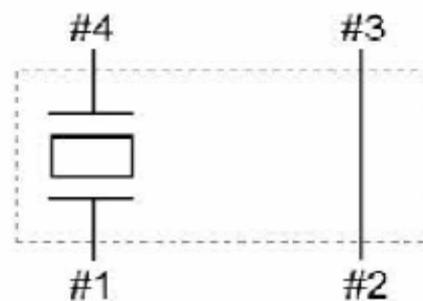
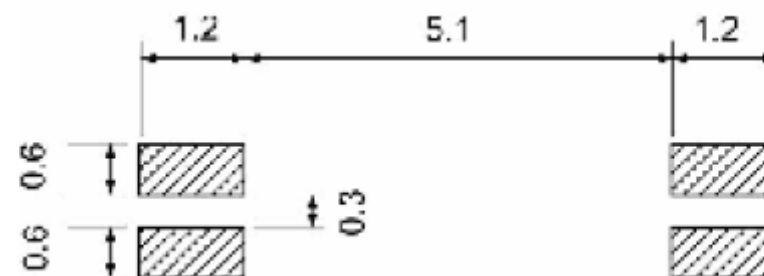
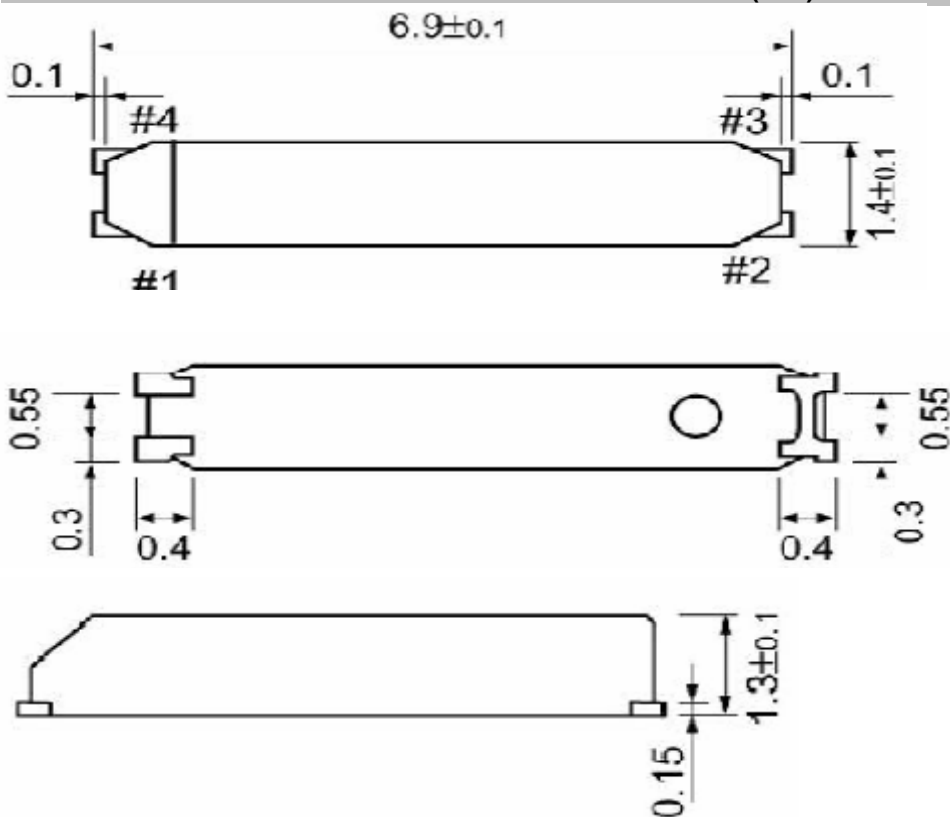
DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	08.09.2019	Customer:
APPD:	Victor			FINISH	Oliver		Sheet No.	1 from 4		

EDCON-COMPONENTS



Technical Dimensions Dimensions (mm)

P.C.B. Layout



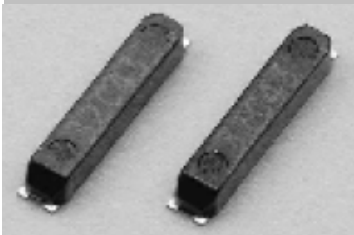
**SMD Quarz Crystal
7,0x1,5mm 2PAD**

Part No.: **O12018**

Customer:

DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	08.09.2019
APPD:	Victor			FINISH	Oliver		Sheet No.	2 from 4	

EDCON-COMPONENTS



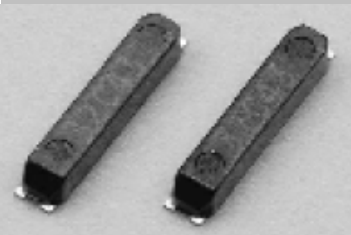
Ordering Informations

Serie	Frequency Range	Frequency Tolerance	Load capacitance	Temperature Range	ROHS	Packing				
O12018	32K7680000	C	1	A	R	TR				

10 Letters (empty fill w. 0)	C = +/-20ppm	1 = 12pf	A = -0°C ~ +50°C	R = ROHS Conform	TR = Tape /Reel 1000PCS
	D = +/-10ppm	2 = 7pf	B = -10°C ~ +60°C	N = NON ROHS Conform	
			D = -20°C ~ +70°C		BU = Bulk Ware
			F = -40°C ~ +85°C		

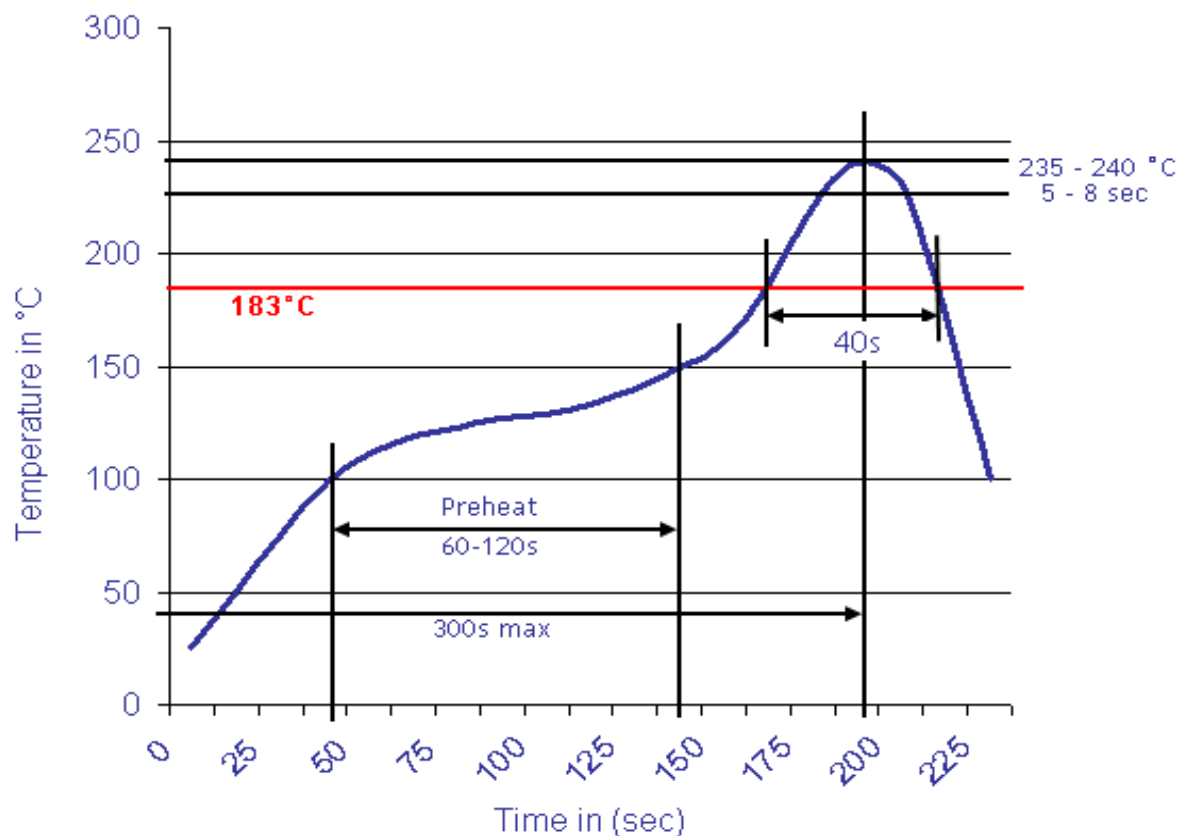
SMD Quarz Crystal 7,0x1,5mm 2PAD
Part No.: O12018
Customer:

DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	08.09.2019
APPD:	Victor			FINISH	Oliver		Sheet No.	3 from 4	



Soldering Profile

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



SMD Quarz Crystal 7,0x1,5mm 2PAD	
Part No.:	O12018
Customer:	

DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	08.09.2019
APPD:	Victor			FINISH	Oliver		Sheet No.	4 from 4	