

EDCON-COMPONENTS



3,2 x 1,3 x 1,0 mm



Features

- Frequency Range 8,00MHZ ~ 12,00MHZ
- Light weight with small and thin packaging
- Low resonant impedance
- Built-In capacitor
- IR reflow capable

Applications

- Remote controls Microprozessors, clocks, Mobile Phones
- DCD & CD-roms, Electric appliances
- Industriala controllers
- Consumer electronics

Specifications

Frequency Range:	8,00MHz to 12,00MHz
Resonant Impedance	40 Ω max.
Frequency Tolerance:	± 0,5% @ (25°C)
Frequency stability	± 0,3% (-25°C ~ +85°C) max.
Withstanding Voltage	50 VDC, 1 Min.
Rating Voltage	
1. DC	6 VDC max.
2. AC	15Vp-p. max.
Load capacitance C1=C2	15pf ± 20%
Insulation Resistance:	100M Ω min. (10V, 1min)
Operating Temperature:	-.25°C to +85°C
Storage Temperature:	-.55°C to +85°C
Aging Rate:	0,2% max. (10years)

SMD BUILD-IN Ceramic Resonator 3,2x1,3x1,0mm

Part No.: **O16018**

DRW:	Jose	CHKD	John	MATL:	Victoria	TOLERANCE	Mu Tao	DATE	09.11.2013	Customer:
APPD:	Victor			FINISH	Oliver		Sheet No.	1 from 4		

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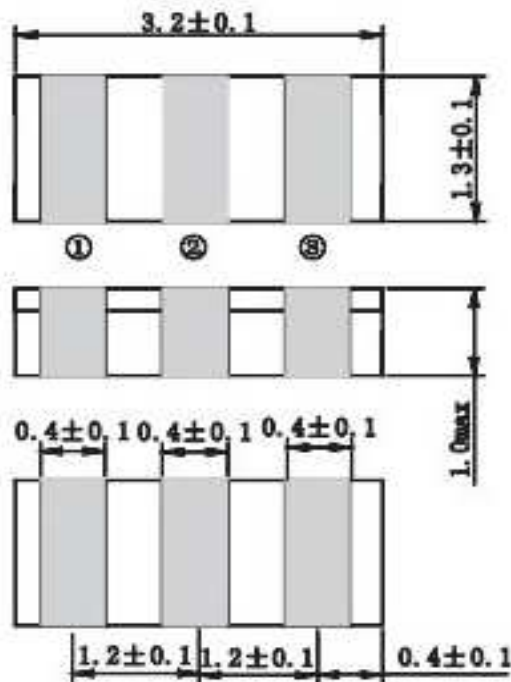


3,2 x 1,3 x 1,0 mm

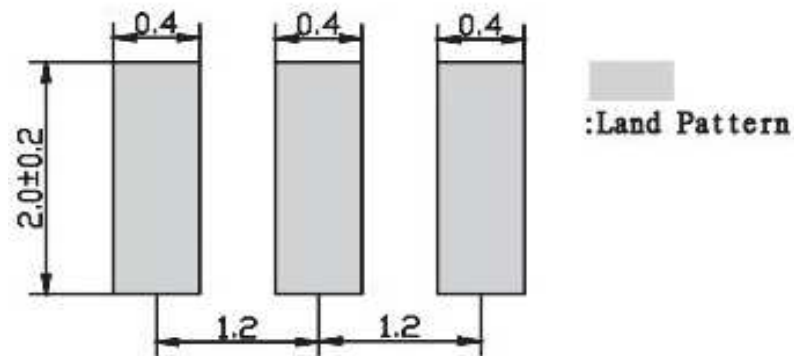


Technical Dimensions Dimensions (mm)

P.C.B. Layout



- ① Input
- ② Ground
- ③ Output



:Land Pattern

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Ordering Informations

Serie	Frequency Range	Frequency Tolerance	Load capacitance	Special function	Temperature Range	ROHS	Packing			
O16018	4M000000	A	0	0	A	R	TR			

10 Letters (empty fill w. 0)	A= +/- 0,2%	0= no special function	0= no special function	A= -0°C ~ +50°C	R= ROHS Conform	TR= Tape /Reel
				B= -10°C ~ +60°C	N= NON ROHS Conform	
				C= -25°C ~ +85°C		

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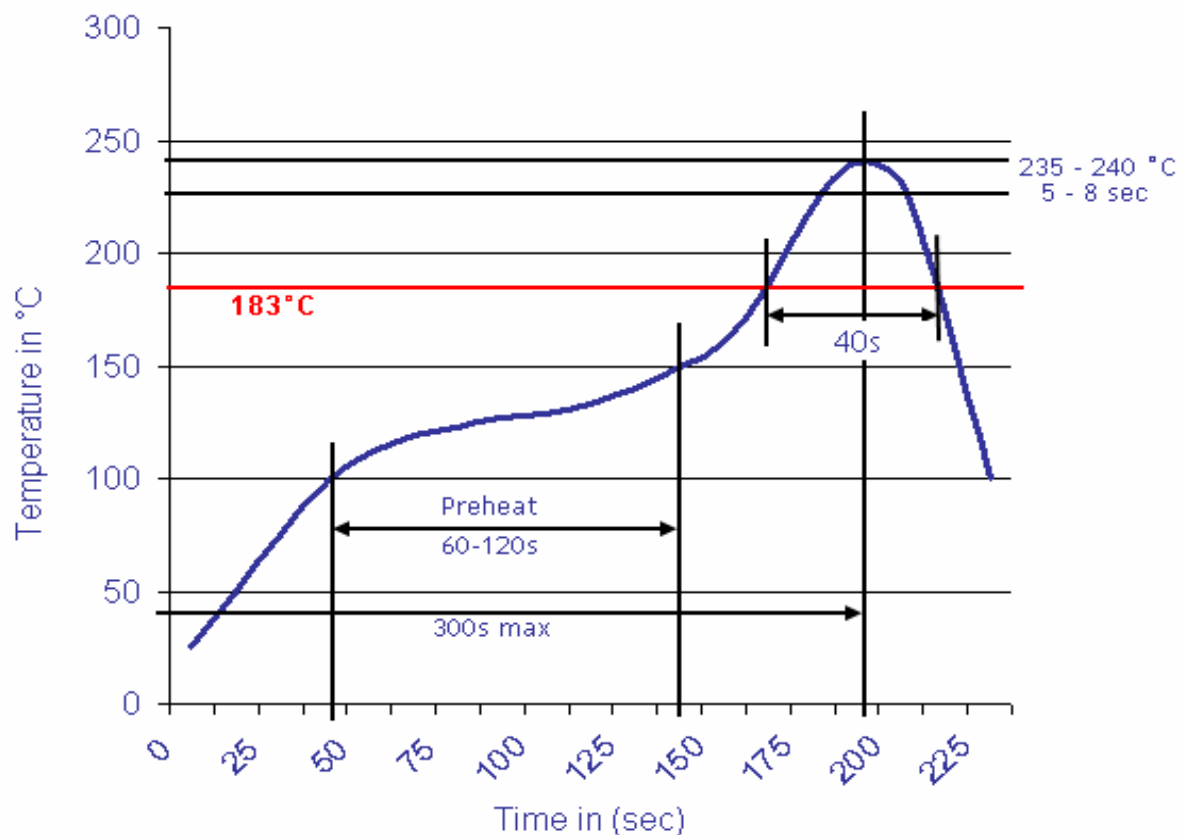


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Soldering Profile

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



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