CSMC3(4) SERIES

- SMD Ceramic 6mm x 3.5mm (2Pad and 4Pad)
- Wide Frequency Range
- Tight Tolerance and Stability
- RoHS Compliant



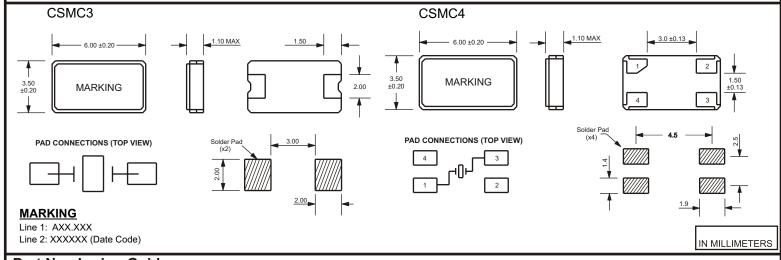
Electrical Specifications

Frequency Range:	8.000MHz to 49.000MHz			
Frequency Tolerance/Stability:	Select from options below			
Operating Temperature Range:	Select from options below			
Storage Temperature Range:	-55°C to +125°C			
Aging:	±5ppm / first year Maximum			
Shunt Capacitance:	5pF Maximum			
Load Capacitance:	Select from options below			
Equivalent Series Resistance:	See ESR Table Below			
Mode of Operation:	Fundamental or 3rd Overtone			
Drive Level:	10μWatts Typical / 100μWatts Maximum			
Insulation Resistance:	500 Megaohms Minimum at 100Vdc ±15V			
Hermeticity of Seal: :	1 x 10 ⁻² mPa (m³/s) Maximum			
Shock Resistance:	±5ppm Maximum (drop test onto a hard wooden board from 75cm)			

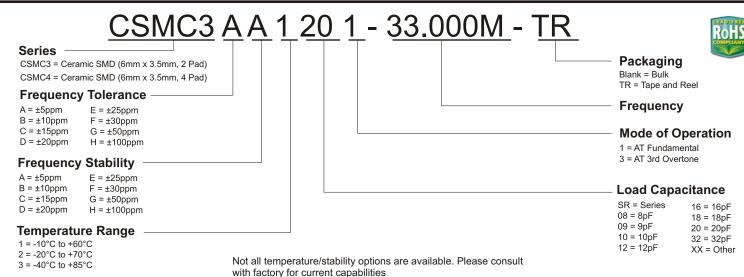
Equivalent Series Resistance Table

Frequency Range	ESR (Ohms)	Mode / Cut	Frequency Range	ESR (Ohms)	Mode / Cut
9.6000MHz to 11.999MHz	60 Maximum	Fundamental / AT	24.001MHz to 49.000MHz	35 Maximum	Fundamental / AT
12.000MHz to 24.000MHz	50 Maximum	Fundamental / AT			

Mechanical Dimensions



Part Numbering Guide



(CR/12 & CR/13 (Rev.D / 11-27-06)

Specifications subject to change without notice