



*Part  
Numbering  
System*

*Quartz Clock Oscillators*

Example Part Number:

**CM309 FB C 25.333333M TR**

**Product Family**  
For example:

**CMX-309**  
**CSX-750F**  
**CSX-750P**  
**CSX-750A**  
**CSX-750V**

**Packaging method**

**TR** Tape & Reel (Minimum size depends on product family - see catalog)  
**B** Bulk (Bags for through-hole, tubes or tape for SMT)

**Frequency**

Numerical value, maximum characters as follows:  
**XX.XXXXXX** followed by "M" for MHz.

**Frequency Tolerance (at Operating Temp.)**

	Frequency in MHz	
<b>A</b>	+/-25ppm (-20 to +70C)	(Consult Factory)
<b>B</b>	+/-50ppm (-20 to +70C)	(Standard)
<b>C</b>	+/-100ppm (-10 to +70C)	(Standard)
<b>F</b>	+/-100ppm (-40 to +85C)	(Consult Factory)
<b>G</b>	+/-200ppm (-40 to +85C)	(Consult Factory)

	Frequency Range	Supply Voltage	Load Condition	Duty Cycle	
<b>CMX-309 Series</b>					
<b>FL</b>	1.000-30.000 MHz	5V	10TTL	45-55%	(Fundamental) (Standard)
		50pf CMOS	40-60%		
<b>FS</b>	1.000-30.000 MHz	5V	10TTL	45-55%	(Fundamental)
		50pf CMOS	40-60%		
<b>HW</b>	30.001-66.667 MHz	5V	10TTL	45-55%	(Overone) (Standard)
		50pf CMOS	40-60%		
<b>HS</b>	30.001-66.667 MHz	5V	10TTL	45-55%	(Overone)
		50pf CMOS	40-60%		
<b>FB</b>	1.000-30.000 MHz	3V	30pf CMOS	40-60%	(Fundamental) (Standard)
<b>FA</b>	1.000-30.000 MHz	3V	30pf CMOS	45-55%	(Fundamental)
<b>HB</b>	30.001-50.040 MHz	3V	30pf CMOS	40-60%	(Overone) (Standard)
<b>HA</b>	30.001-50.040 MHz	3V	30pf CMOS	45-55%	(Overone)
<b>CSX-750 (F, P, A)</b>					
CSX-750: Please check spec sheets for suffix					
<b>CSX-750 (VCXO)</b>					
CSX-750V: Please check spec sheets for suffix					

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