

Part Numbering System Quartz Crystal Units



Product Family For example: CFS308 CFS206 CFS145 CFV308 CFV206 CSA310 CSA309 HC49US HCM49 CM100S	FrequencyNumerical value, maximum characters as follows: XX.XXXXX followed by "M" for MHz or "K" for KHz.TR Tape & Reel (Minimum size depends on product family - see catalog) B Bulk (Bags for through-hole, tubes or tape for SMT)Load CapacitanceA Series I16.0 pfQ10.0 pfB 6.0 pfJ18.0 pfR50.0 pfC 9.0 pfK20.0 pfS11.0 pfD 9.5 pfL22.0 pfT14.0 pfE12.0 pfM30.0 pfV8.0 pfG13.0 pfO32.0 pfH15.0 pfH15.0 pfP33.0 pfothers to be assigned
CM200S CM201 CM202 CM250S CM309S CM309A CM309B CS20 CS10 CMR200TA/B CMR250TA/B CMR309T CMR310T CMR310T CM155 CM130 CSD35B	Frequency Tolerance (at Operating Temp.) Frequency in MHz A +/-30ppm (-10 to +60C) • M +/-60ppm (-40 to +85C) • B +/-50ppm (-10 to +60C) (Standard) N +/-80ppm (-40 to +85C) • C +/-100ppm (-10 to +60C) • O +/-30ppm (-20 to +70C) • D +/-20ppm (-10 to +60C) • P +/-40ppm (-20 to +70C) • E +/-10ppm (-10 to +60C) • Q +/-50ppm (-20 to +70C) • F +/-30ppm (-10 to +60C) • Q +/-50ppm (-20 to +70C) • F +/-30ppm (-10 to +85C) • R +/-60ppm (-20 to +70C) • G +/-50ppm (-40 to +85C) • R +/-60ppm (-20 to +70C) • H +/-100ppm (-40 to +85C) • S +/-70ppm (-20 to +70C) • I +/-20ppm (-40 to +85C) • V +/-80ppm (-20 to +70C) • J +/-100ppm (-40 to +85C) • V +/-80ppm (-20 to +70C) • I +/-20ppm (-40 to +85C) • V +/-80ppm (-40 to +100C) • J +/-150ppm (-40 to +85C) • V +/-100ppm (-40 to +100C) • K +/-150ppm (-40 to +85C) • W +/-150ppm (-40 to +100C) • L +/-200ppm (-40 to +85C) • X +/-200ppm (-40 to +100C) • K +/-150ppm (-40 to +85C) • X +/-200ppm (-40 to +100C) • K +/-200ppm (-40 to +85C) • X +/-200ppm (-40 to +100C) • L +/-200ppm (-40 to +85C) • X +/-200ppm (-40 to +100C) •

	Frequency in MHz					
A	+/-30ppm (Standard)	MHz	Ε	+/-10ppm	٠	
E	+/-50ppm (Standard)		F	+/-15ppm		
C			G	+/-25ppm	٠	
C	+/-20ppm (Standard) 32.768 KHz					
L	 other than standard, or 	consult factory				