

MHz CRYSTAL Part Numbering System

Example Part Number:

CM309S 25.000M A B J -UT

Product Family

For example:

- CSA310
- CSA309
- CMR309T
- CMR310T
- HC49US
- HCM49
- CM309S
- CS20
- CS10
- CS325
- CS325H

Frequency

Numerical Value, maximum characters as follows:

XX.XXXXXX
followed by "M" for MHz

Packaging method

- UT RoHS Compliant Tape & Reel
- UB RoHS Compliant Bulk

Load Capacitance

A Series	L 22.0pF	T 14.0pF
E 12.0pF	M 25.0pF	U 17.0pF
F 12.5pF	N 30.0pF	V 8.0pF
G 13.0pF	O 32.0pF	
H 15.0pF	P 33.0pF	
I 16.0pF	Q 10.0pF	
J 18.0pF (Std)	R 50.0pF	
K 20.0pF	S 11.0pF	

...others to be assigned

Frequency Stability [over Listed Temp.]

A ±30ppm (-10 to +60°C) •	K ±150ppm (-40 to +85°C) •
B ±50ppm (-10 to +60°C) (Standard)	L ±200ppm (-40 to +85°C) •
C ±100ppm (-10 to +60°C) •	M ±60ppm (-40 to +85°C) •
D ±20ppm (-10 to +60°C) •	N ±80ppm (-40 to +85°C) •
E ±10ppm (-10 to +60°C) (CS325H)	O ±30ppm (-20 to +70°C) •
F ±30ppm (-40 to +85°C) •	P ±40ppm (-20 to +70°C) •
G ±50ppm (-40 to +85°C) •	Q ±50ppm (-20 to +70°C) •
H ±100ppm (-40 to +85°C) •	R ±60ppm (-20 to +70°C) •
I ±20ppm (-40 to +85°C) •	S ±70ppm (-20 to +70°C) •
J ±10ppm (-40 to +85°C) •	T ±80ppm (-20 to +70°C) •

Frequency Tolerance [at 25C]

- A ±30ppm (Standard)**
- B ±50ppm •
- C ±100ppm •
- D ±20ppm •
- E ±10ppm (CS325H)**
- F ±15ppm •
- G ±25ppm •
- H ±5ppm •

•Consult Citizen