

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