

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)	(CS325H)	N	±80ppm	(-40 to +85°C)	•
E	±10ppm	(-10 to +60°C)	•	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