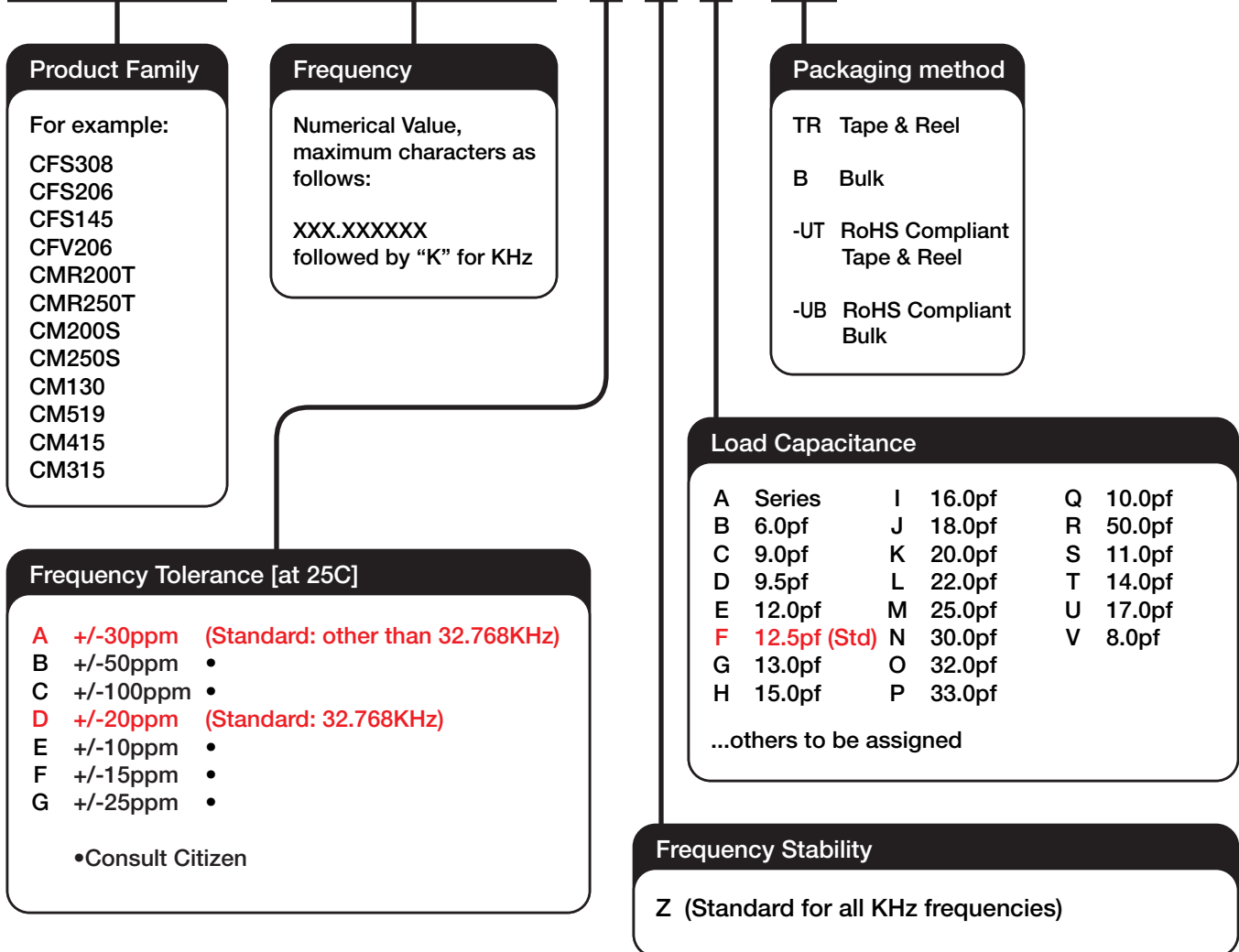


# KHz CRYSTAL Part Numbering System

Example Part Number:

**CM200S      32.768K      D Z F -UT**



**Product Family**

For example:

- CFS308
- CFS206
- CFS145
- CFV206
- CMR200T
- CMR250T
- CM200S
- CM250S
- CM130
- CM519
- CM415
- CM315

**Frequency**

Numerical Value, maximum characters as follows:

XXX.XXXXXX followed by "K" for KHz

**Frequency Tolerance [at 25C]**

- A** +/-30ppm (Standard: other than 32.768KHz)
- B** +/-50ppm •
- C** +/-100ppm •
- D** +/-20ppm (Standard: 32.768KHz)
- E** +/-10ppm •
- F** +/-15ppm •
- G** +/-25ppm •

•Consult Citizen

**Packaging method**

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

**Load Capacitance**

A	Series	I	16.0pf	Q	10.0pf
B	6.0pf	J	18.0pf	R	50.0pf
C	9.0pf	K	20.0pf	S	11.0pf
D	9.5pf	L	22.0pf	T	14.0pf
E	12.0pf	M	25.0pf	U	17.0pf
<b>F</b>	<b>12.5pf (Std)</b>	N	30.0pf	V	8.0pf
G	13.0pf	O	32.0pf		
H	15.0pf	P	33.0pf		

...others to be assigned

**Frequency Stability**

**Z** (Standard for all KHz frequencies)