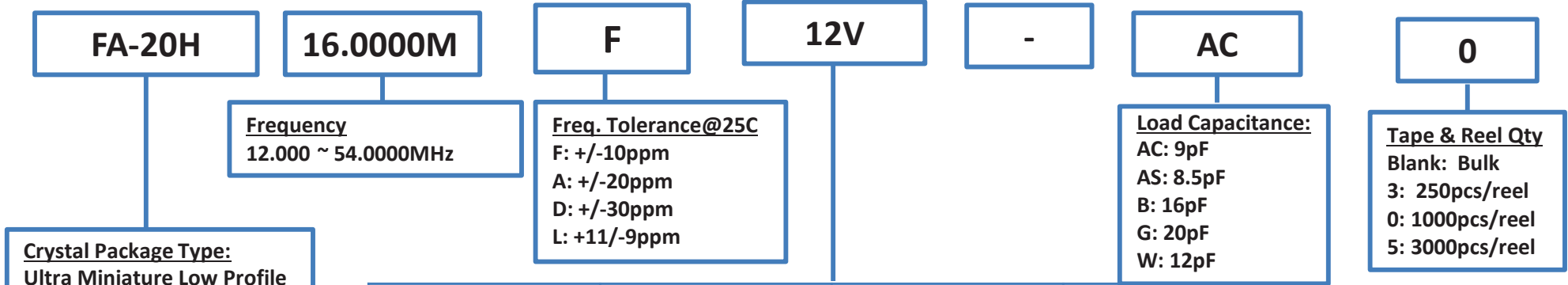


# Product Configuration System



## MHz Range Crystals Units



Freq. Temp Char Op Temp Range	All Freq Range	16MHz<=F<=20MHz	20MHz<F<=54MHz
-20C to +70C	+/-20ppm = 20V	+/-12ppm = 12V	+/-10ppm = 10V
-20C to +70C	+/-30ppm = 30V	+/-12ppm = 12V	+/-10ppm = 10V
-20C to +75C	+/-20ppm = 20Z	+/-12ppm = 12Z	+/-10ppm = 10Z
-20C to +80C	+/-20ppm = 20K	+/-12ppm = 12K	+/-10ppm = 10K
-20C to +85C	+/-20ppm = 20P	+/-12ppm = 12P	+/-12ppm = 12P
-30C to +70C	+/-28ppm = 28R	+/-17ppm = 17R	+/-14ppm = 14R
-30C to +75C	+/-28ppm = 28E	+/-17ppm = 17E	+/-14ppm = 14E
-30C to +80C	+/-30ppm = 30W	+/-17ppm = 17W	+/-14ppm = 14W
-30C to +85C	+/-30ppm = 30Y	+/-17ppm = 17Y	+/-14ppm = 14Y
-30C to +85C	+/-50ppm = 50Y	+/-17ppm = 17Y	+/-14ppm = 14Y
-40C to +85C	+/-40ppm = 40X	+/-22ppm = 22X	+/-20ppm = 20X

**NOTE:** 81Z = +/-10ppm / -20C to +75C



**NOTES:**

- 1) If you require frequency, tolerance, frequency temperature characteristics over temperature and load capacitance values other than the above listed, please contact your EEA representative for assistance.

# Standard Frequencies

## FA-20H MHz Range Crystals

Frequency [Mhz]	Freq. Tolerance@25C		Freq. vs. Temp. Char.		Load Capacitance	
	Code		Code		Code	[pF]
24	F	+/- 10ppm	10Z	+/- 10ppm / -20C to +75C	K	10
24	D	+/- 30ppm	30Z	+/- 30ppm / -20C to +75C	K	10
24	D	+/- 30ppm	30X	+/- 30ppm / -40C to +85C	K	10
24.576	D	+/- 30ppm	10V	+/- 10ppm / -20C to +70C	W	12
25	D	+/- 30ppm	30Z	+/- 30ppm / -20C to +75C	K	10
25	D	+/- 30ppm	30X	+/- 30ppm / -40C to +85C	R	15
26	F	+/- 10ppm	10Z	+/- 10ppm / -20C to +75C	AC	9
26	F	+/- 10ppm	15Y	+/- 15ppm / -30C to +85C	AC	9
27	F	+/- 10ppm	10Z	+/- 10ppm / -20C to +75C	AG	7
27	F	+/- 10ppm	20X	+/- 20ppm / -40C to +85C	AC	9
27	D	+/- 30ppm	30Z	+/- 30ppm / -20C to +75C	K	10
27.12	D	+/- 30ppm	30Z	+/- 30ppm / -20C to +75C	K	10
30	F	+/- 10ppm	20X	+/- 20ppm / -40C to +85C	W	12
30	D	+/- 30ppm	30Z	+/- 30ppm / -20C to +75C	AJ	8
32	F	+/- 10ppm	10Z	+/- 10ppm / -20C to +75C	W	12
32	F	+/- 10ppm	20X	+/- 20ppm / -40C to +85C	K	10
38.4	F	+/- 10ppm	10Z	+/- 10ppm / -20C to +75C	K	10
40	F	+/- 10ppm	15Z	+/- 15ppm / -20C to +75C	AC	9
40	F	+/- 10ppm	20X	+/- 20ppm / -40C to +85C	K	10
48	B	+/- 50ppm	30Z	+/- 30ppm / -20C to +75C	AG	7