Product Configuration System

Pb   RoHS

MHz Range Crystals Units

| FA-128 | 16.0000M | F | 12V | - | AC | 0 |

Frequency
24.000 ~ 52.000 MHz

Freq. Tolerance@25C
F: +/-10ppm
E : +/-15ppm
D: +/-30ppm

Load Capacitance:
AC: 9pF
AS: 8.5pF
B: 16pF
G: 20pF
W: 12pF

Tape & Reel Qty
Blank: Bulk
3: 250pcs/reel
0: 1000pcs/reel
5: 3000pcs/reel

Crystal Package Type:
Ultra Miniature Low Profile Ceramic SMD
2.0 X 1.6 X 0.5 mm
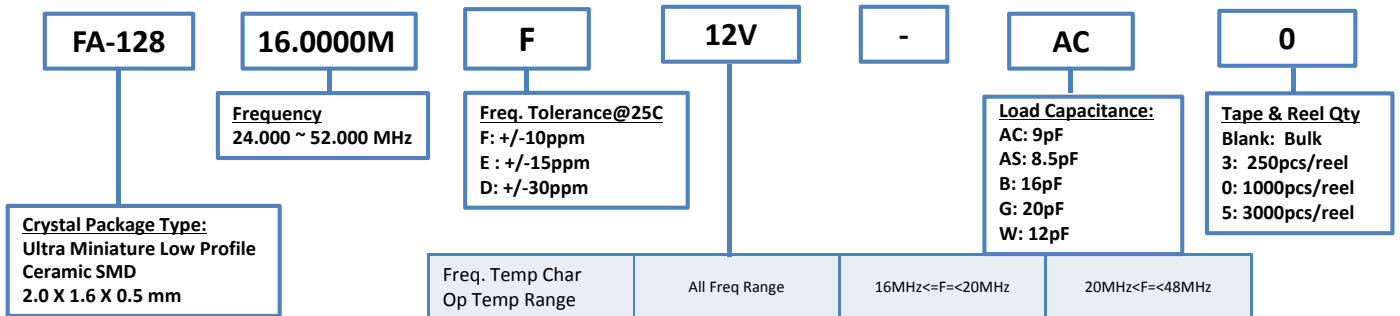
Freq. Temp Char Op Temp Range	All Freq Range	16MHz<=F=<20MHz	20MHz<F=<48MHz
-20C to +70C	+/-20ppm = 20V	+/-12ppm = 12V	+/-10ppm = 10V
-20C to +70C	+/-30ppm = 30V	+/-12ppm = 12V	+/-10ppm = 10V
-20C to +75C	+/-20ppm = 20Z	+/-12ppm = 12Z	+/-10ppm = 10Z
-20C to +80C	+/-20ppm = 20K	+/-12ppm = 12K	+/-10ppm = 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** = +8/-10ppm / -20C to +75C

EPSON TOYOCOM

October 2009