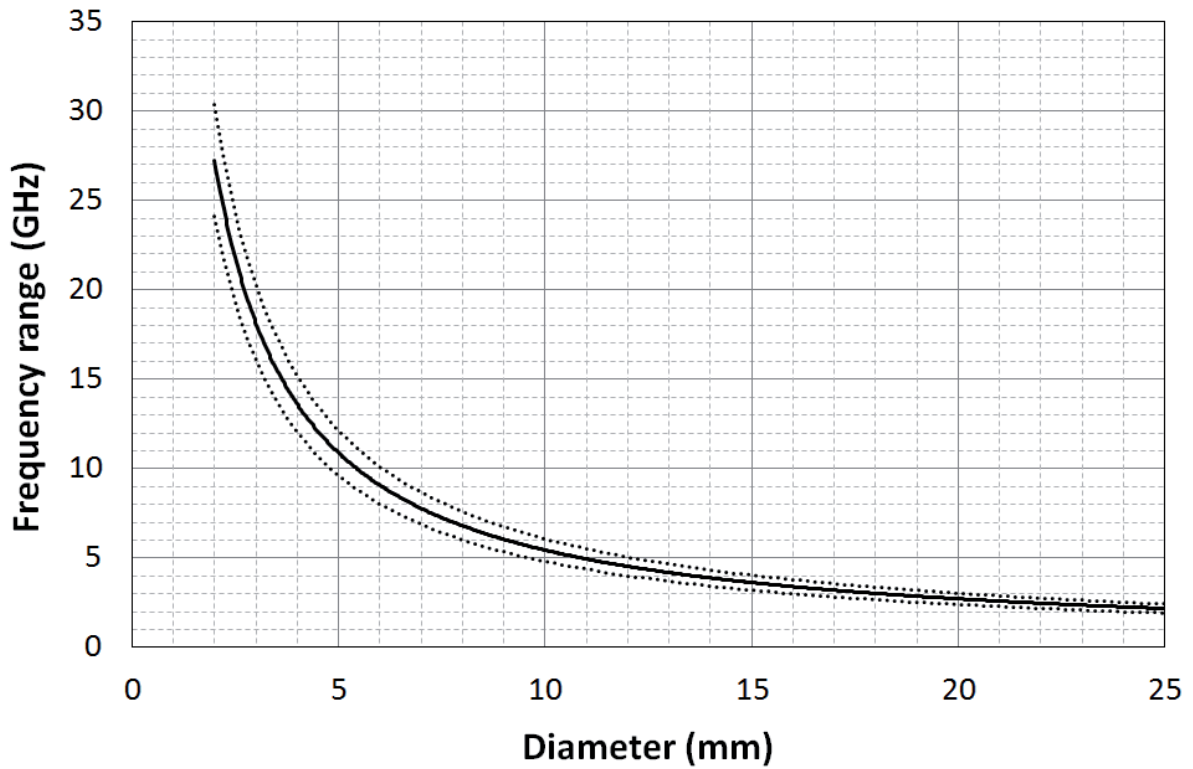


DIELECTRIC RESONATORS

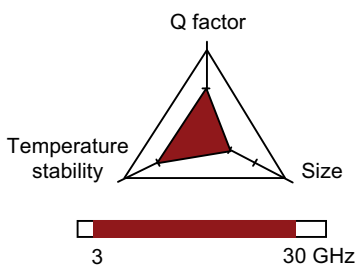
III. Dielectric materials

E2000 SERIE



Frequency (MHz)	Diameter range (mm)		
$1930 \leq F \leq 30350$	$D_{min} = \frac{48200}{F}$	$D_{typ} = \frac{54400}{F}$	$D_{max} = \frac{60700}{F}$
	$2 \leq D \leq 25$		

Notes: Custom sizes available on request



Material	t_f (ppm/°C) +/-2ppm/°C	Typical Q factor @ 10GHz	Dielectric Constant ϵ_r +/-1
E2336N	-3	5 000	37.1
E2036	0	5 000	37.2
E2336	+3	5 000	37.3
E2636	+6	5 000	37.4
E2936	+9	5 000	37.4
E21236	+12	5 000	37.6
E21536	+15	5 000	37.6
E21836	+18	5 000	37.6

Notes: Tighter tolerance available on request