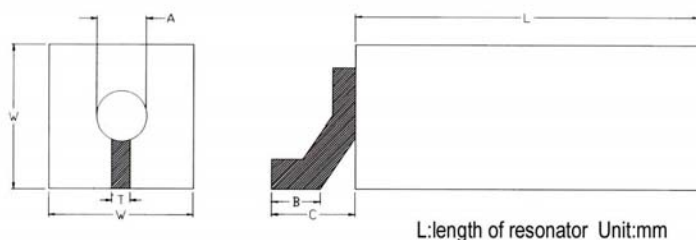


Ceramic Resonators Coaxial Type(TEM Mode 400Mhz~5Ghz)

Dimension



Features:

Q range:200~1000
 Temperature stability:±10ppm/ °C
 Available 2mm ~12mm
 1/4 and 1/2 wave design
 Dielectric constant : 21 – 90
 Surface or tab mounting
 Easy handling and assembly

Applications

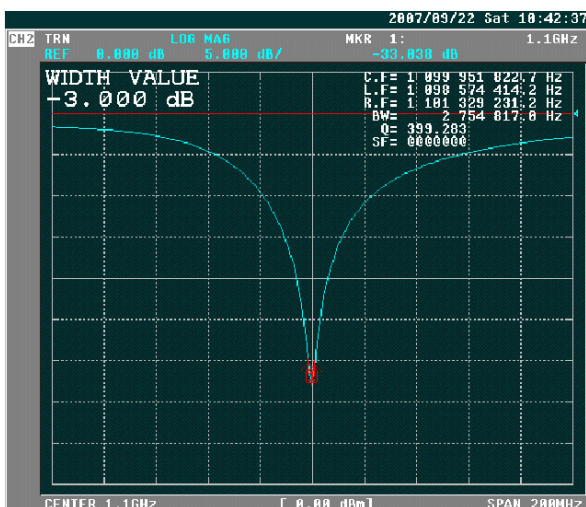
Wireless equipment, voltage controlled oscillators (VCO)
 Cordless phones
 Filters and diplexers

Specification

Material	Dielectric Constant	Tf1)	Type	Characteristic Impedance(Ω)	Wave Length	Frequency Range(MHz)	Q2) (min)
A Series	20±1	0±10	D120	15,17	$\lambda/4$	800~1300	800
					$\lambda/2$	1600~2700	1000
			D100	16	$\lambda/4$	800~1300	700
					$\lambda/2$	1600~3200	800
			D080	15	$\lambda/4$	1000~3200	650
					$\lambda/2$	2000~3000	700
			D060	12,14,15	$\lambda/4$	1000~2700	550
					$\lambda/2$	2000~3000	600
			D050	14 17	$\lambda/4$	1300~3000	450
					$\lambda/2$	2500~4000	500
D040	11,14,17	$\lambda/4$	1300~4000	380			
		$\lambda/2$	2500~4000	400			
B Series	36±1	0±10	D120	12 ,13	$\lambda/4$	600~1000	700
					$\lambda/2$	1200~2400	900
			D100	12	$\lambda/4$	600~1200	600
					$\lambda/2$	1200~2400	800
			D080	12	$\lambda/4$	800~1500	500
					$\lambda/2$	1600~3000	700
			D060	10,11,12	$\lambda/4$	800~1800	450
					$\lambda/2$	1600~3500	550
			D050	11,13	$\lambda/4$	800~1800	380
					$\lambda/2$	1600~3500	450
D040	9 ,11 ,13	$\lambda/4$	1000~2700	320			
		$\lambda/2$	2000~4800	400			
D030	12	$\lambda/4$	1300~3000	220			
D020	13	$\lambda/4$	1300~3000	220			

C Series	80±2	0±10	D120	7,8	λ/4	400~800	650
					λ/2	800~1500	700
			D100	7	λ/4	600~800	550
					λ/2	1200~2400	650
			D080	7	λ/4	440~1000	450
					λ/2	1000~1500	550
			D060	6,7,7	λ/4	440~1300	400
					λ/2	1000~2200	470
			D050	7,8	λ/4	500~1800	380
					λ/2	1000~3000	450
D040	6,7,8	λ/4	900~1600	200			
		λ/2	2000~4800	300			
D030	7	λ/4	900~1600	250			
D020	8	λ/4	900~1600	150			

Type Part	W (O/D)	A (I/D)	B	C	T
DR120	12.0±0.2	① φ 4.0±0.2 ② φ 3.55±0.2	2.00	4.0	1.0
DR100	10.0±0.2	① φ 3.3±0.2	1.50	3.5	1.0
DR080	8.0±0.2	① φ 2.7±0.2	1.50	3.0	0.7
DR060	6.0±0.2	① φ 2.5±0.1 ② φ 2.2±0.1 ③ φ 2.0±0.1	1.3	2.8	0.7
DR050	5.0±0.2	① φ 1.8±0.1 ② φ 1.5±0.1	1.0	2.2	0.6
DR040	4.0±0.1	① φ 1.8±0.1 ② φ 1.5±0.1 ③ φ 1.2±0.1	0.8	2.0	0.6
DR030	3.0±0.1	① φ 1.0±0.1	0.7	1.5	0.5
DR020	2.1±0.1	① φ 0.6±0.1	0.5	1.2	0.5



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