

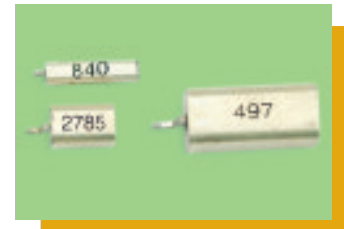
Dielectric Resonator

Features

- ★ Higher dielectric constant
- ★ Low temperature coefficient
- ★ High quality factor

Applications

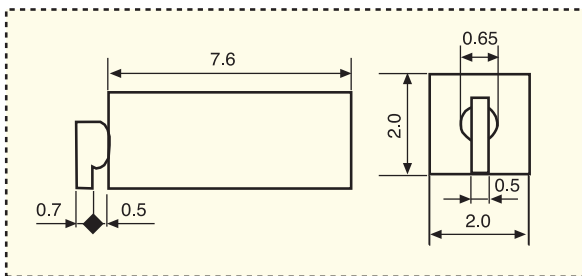
- ★ Mobile phone
- ★ Cordless phone



Specifications (Characteristics)

Material Series	Dielectric Constant Er	Type	Characteristic Impedance	Resonant Wave length	Frequency Range ±0.6%	Unloaded Q	Frequency Temperature Coefficient (ppm/°C)
DRT□□CB	20 ± 1	DRT60CB	15.8Ω	λ/4	1000~2700	500~600	0 ± 10
		DRT40CB	19.6Ω	λ/4	1800~3000	350~500	
		DRT30CB	15.8Ω	λ/4	1900~3000	300~400	
		DRT20CB	16.1Ω	λ/4	1900~3500	200~350	
DRT□□CD	37 ± 1	DRT60CD	11.6Ω	λ/4	700~1800	400~500	0 ± 10
		DRT40CD	14.4Ω	λ/4	1000~2700	320~500	
		DRT30CD	11.6Ω	λ/4	1200~3000	300~500	
		DRT20CD	11.8Ω	λ/4	1200~3500	300~400	
DRT□□CI	90 ± 1	DRT60CI	7.4Ω	λ/4	500~1300	300~500	0 ± 10
		DRT40CI	9.2Ω	λ/4	500~1800	200~350	
		DRT30CI	7.4Ω	λ/4	900~1600	200~300	
		DRT20CI	7.6Ω	λ/4	900~2600	120~200	

Dimension (Unit : mm)



Part Number and Ordering Code

Part Number Code	Product Code	Dimension (mm)	Structure Mode	Material	Resonant Frequency (MHz)	Type Code
	Dielectric Resonator TEM Mode	20 2.0X2.0 25 2.5X2.5 30 3.0X3.0 40 4.0X4.0 60 6.0X6.0	Round Pole C/D/E Stepped Pole H/M/N	A ~ J	1000 ~ 3500MHz	A ~ V Special W Common
Ordering Code	Same As Above					
Example	DRT	30	C	I	1200	A