

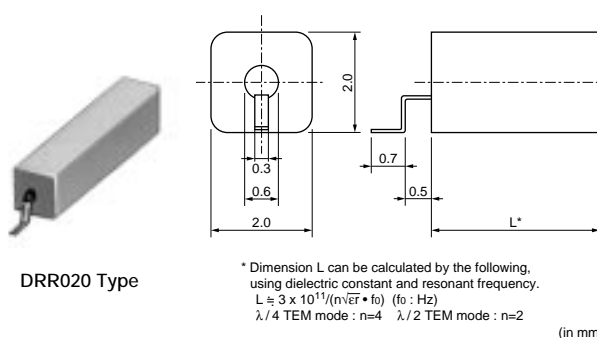
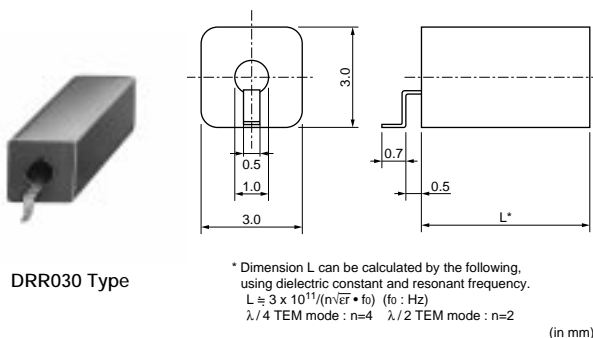
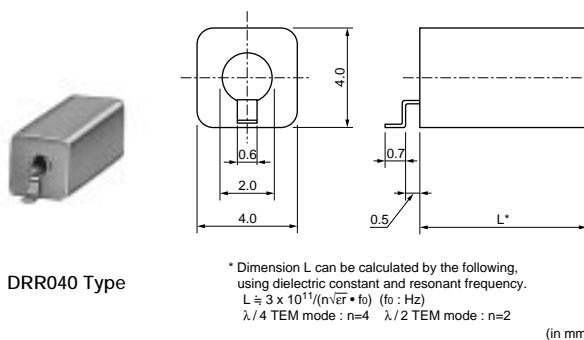
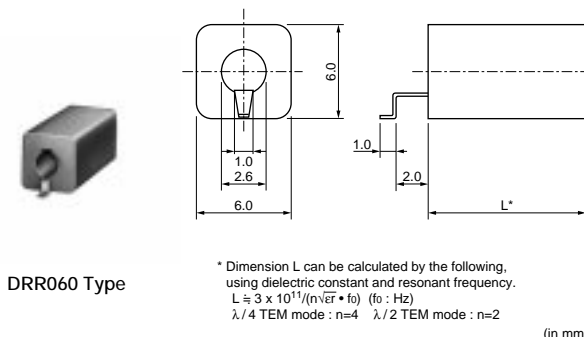
Dielectric Resonators (RESOMICS®)

muRata

Dielectric Resonator K Series (DRR Copper Plated Type)

■ Features

1. TEM mode resonators plated with copper have the lower price those plated than with silver.
2. Excellent Solderability.
3. High dielectric constant : $\epsilon_r=92$.
4. These resonators cover wide range of resonant frequency (by 10MHz step)
5. Please consult our sales representatives or engineers as regards the products of other frequency.



Part Number	f_0 (MHz)	Unloaded Q (min)	Wavelength	Z_a (ohm)
DRR060□□□□KTC00T	440 to 490	330	Lambda/4	5.7 (Nominal Value)
DRR060□□□□KTC00T	500 to 790	350	Lambda/4	5.7 (Nominal Value)
DRR060□□□□KTC00T	800 to 1300	400	Lambda/4	5.7 (Nominal Value)
DRR060□□□□KPC00T	1000 to 1690	470	Lambda/2	5.7 (Nominal Value)
DRR060□□□□KPC00T	1700 to 2200	510	Lambda/2	5.7 (Nominal Value)
DRR040□□□□KTC00R	500 to 540	200	Lambda/4	4.8 (Nominal Value)
DRR040□□□□KTC00R	550 to 640	220	Lambda/4	4.8 (Nominal Value)
DRR040□□□□KTC00R	650 to 790	240	Lambda/4	4.8 (Nominal Value)
DRR040□□□□KTC00R	800 to 890	260	Lambda/4	4.8 (Nominal Value)
DRR040□□□□KTC00R	900 to 1490	270	Lambda/4	4.8 (Nominal Value)
DRR040□□□□KTC00R	1500 to 1800	290	Lambda/4	4.8 (Nominal Value)
DRR040□□□□KPC00R	1000 to 1390	300	Lambda/2	4.8 (Nominal Value)

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Part Number	f ₀ (MHz)	Unloaded Q (min)	Wavelength	Z _a (ohm)
DRR040□□□□KPC00R	1400 to 1890	340	Lambda/2	4.8 (Nominal Value)
DRR040□□□□KPC00R	1900 to 3000	370	Lambda/2	4.8 (Nominal Value)
DRR030□□□□KTC00R	900 to 1490	230	Lambda/4	7.4 (Nominal Value)
DRR030□□□□KTC00R	1500 to 1600	250	Lambda/4	7.4 (Nominal Value)
DRR020□□□□KTC00R	900 to 1590	150	Lambda/4	8.0 (Nominal Value)
DRR020□□□□KTC00R	1600 to 2600	190	Lambda/4	8.0 (Nominal Value)

Dielectric Constant : 92+-1

Temperature coefficient of resonant frequency : 3+-2ppm/°C

Tolerance of resonant frequency : +-0.7% (Please contact our sales representatives)

Unloaded Q value depends on lower limit of frequency range.

Five blank columns are filled with Nominal Center Frequency codes. Please see Part Numbering for details.

■ Minimum Quantity of Taping

DRR020 Type : 2500pcs./phi 330mm Reel

DRR030 Type : 2000pcs./phi 330mm Reel

DRR040 Type : 1500pcs./phi 330mm Reel