

## ● Part Numbering

### Dielectric Resonators (RESOMICS®) TE Mode

(Part Number)

DR	D	055	0244	M	20	B	00	T
1	2	3	4	5	6	7	8	9

#### ① Product ID

Product ID	
DR	Dielectric Resonators (RESOMICS®)

#### ② Product

Code	Product
D	TE Mode (Disc Type)
T	TE Mode (Coaxial Cylinder Type)

#### ③ Outer Diameter

Code	Outer Diameter
055	Expressed by three figures. The unit is 1/10mm.

#### ④ Thickness

Code	Thickness
0244	Expressed by four figures. The unit is 1/100mm.

#### ⑤ Materials

Code	Materials	$\tau_f$ Range
U	U Series	-4ppm/C to +10ppm/C
M	M Series	0ppm/C to +6ppm/C
V	V Series	0ppm/C to +8ppm/C
R	R Series	0ppm/C to +6ppm/C
B	B Series	0ppm/C to +6ppm/C
E	E Series	0ppm/C to +6ppm/C
F	F Series	0ppm/C to +4ppm/C

#### ⑥ Resonant Frequency Temperature Characteristics ( $\tau_f$ )

Expressed by two figures or combination of a letter and a figure.

Ex.)

Code	Resonant Frequency Temperature Characteristics ( $\tau_f$ )
E0	-4ppm/C
D0	-3ppm/C
C0	-2ppm/C
B0	-1ppm/C
00	0ppm/C
10	1ppm/C
20	2ppm/C
30	3ppm/C
40	4ppm/C
50	5ppm/C
60	6ppm/C
70	7ppm/C
80	8ppm/C
90	9ppm/C
P0	10ppm/C

#### ⑦ Resonant Frequency Temperature Characteristics ( $\tau_f$ ) Tolerance

Code	Resonant Frequency Temperature Characteristics ( $\tau_f$ ) Tolerance
Z	$\pm 2$ ppm/C
A	$\pm 1$ ppm/C
B	$\pm 0.5$ ppm/C

E and F series : Tolerance of Frequency Temperature Coefficient can be chosen only by "Z" code ( $\pm 2$  ppm/C) and "A" code ( $\pm 1$  ppm/C)

#### ⑧ Individual Specification Code (Serial)

Code	Individual Specification Code (Serial)
00	Standard Type

#### ⑨ Packaging

Code	Packaging
T	Tray
R	Taping

### Dielectric Resonators (RESOMICS®) TE Mode Support

(Part Number)

DR	Z	001	Z	T
1	2	3	4	5

#### ① Product ID

Product ID	
DR	Dielectric Resonators (RESOMICS®)

#### ② Product

Code	Product
Z	TE mode (Support Type)

#### ③ Individual Specification Code (Serial)

Code	Individual Specification Code (Serial)
001	Serial code

#### ④ Materials

Code	Materials
Z	Z series

#### ⑤ Packaging

Code	Packaging
T	Tray

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Murata](#):

[DRD0710314U40Z00T](#) [DRD0550244U80Z00T](#) [DRD0840371U40Z00T](#) [DRD0840371U60A00T](#)  
[DRD0260120R00Z00T](#)