

● 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	τf 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 (τf)

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

Ex.)

Code	Resonant Frequency Temperature Characteristics (τf)
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 (τf) Tolerance

Code	Resonant Frequency Temperature Characteristics (τf) Tolerance
Z	±2 ppm/°C
A	±1 ppm/°C
B	±0.5ppm/°C

E and F series : Tolerance of Frequency Temperature Coefficient can be chosen only by "Z" code (±2ppm/°C) and "A" code (±1ppm/°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](#)