

● 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 | τ_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 (τ_f)

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

| Ex.) | Code | Resonant Frequency Temperature Characteristics (τ_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 (τ_f) Tolerance

| Code | Resonant Frequency Temperature Characteristics (τ_f) Tolerance |
|------|---|
| Z | ± 2 ppm/C |
| A | ± 1 ppm/C |
| B | ± 0.5 ppm/C |

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