



## ◆ Dt-series ◆

## PIEZOELECTRIC CERAMICS Dt-series

### PIEZOELECTRIC CERAMICS DISK TYPE

| Code              |   | D5-920K                     | D10-1M                        | D10-2M                        |
|-------------------|---|-----------------------------|-------------------------------|-------------------------------|
| Nominal Frequency | [kHz]                                       | 380 / 920                   | 200 / 1,000                   | 200 / 2,000                   |
| Configuration     | ( $\phi \times t$ ) [mm]                    | $\phi 5.0 \times 2.0$       | $\phi 10.0 \times 2.0$        | $\phi 10.0 \times 1.0$        |
| Terminal          |   | Ag                          | Ag                            | Ag                            |
| Coating           |   | Nothing                     | Nothing                       | Nothing                       |
| Features          | Resonance Frequency (fr) [kHz]              | $380 \pm 7\% / 920 \pm 7\%$ | $200 \pm 7\% / 1,000 \pm 7\%$ | $200 \pm 7\% / 2,000 \pm 7\%$ |
|                   | Oscillating Mode                            | Diameter / Thickness        | Diameter / Thickness          | Diameter / Thickness          |
|                   | Electromechanical Coupling Coefficient (Kp) | 60% / 40%                   | 60% / 40%                     | 60% / 40%                     |
|                   | Capacitance (C) [pF]                        | $195 \pm 15\%$              | $660 \pm 15\%$                | $1,200 \pm 15\%$              |
|                   | Mechanical Quality Factor (Qm) *1           | 30 min.                     | 30 min.                       | 30 min.                       |
|                   | Insulation Resistance (Ri) DC100V           | 10M $\Omega$ min.           | 10M $\Omega$ min.             | 10M $\Omega$ min.             |

\*1 : Mechanical Q is a reference value. It changes by the electrode geometry.



⚠ Specifications of products are subject to change without notice.

e-dt\_series-p01-13



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