



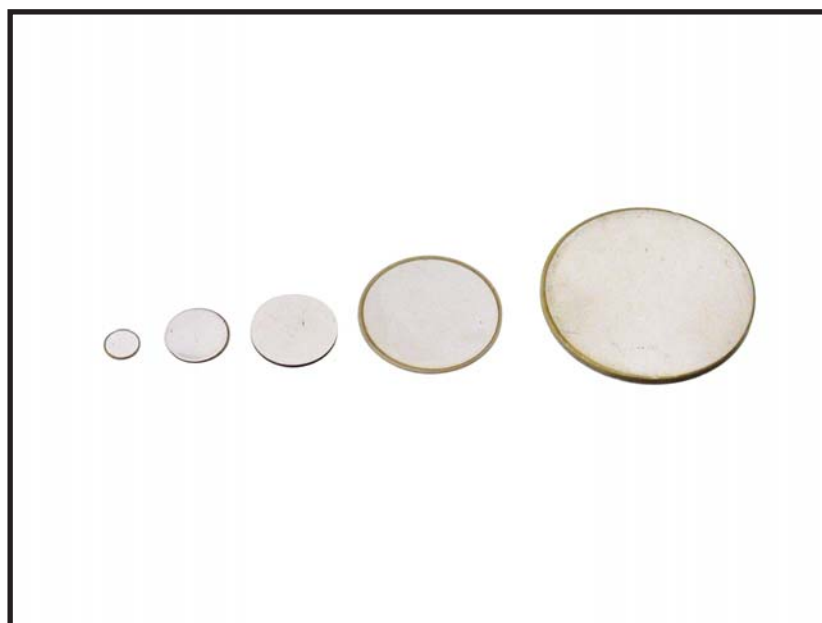
## ◆ D-series ◆

### PIEZOELECTRIC CERAMICS D-series

## PIEZOELECTRIC CERAMICS DISK TYPE

Code		D-4	D-5	D-10	D-25	D-30	
Nominal Frequency	[kHz]	480	400	200	78	64	
Dimension	( $\phi \times t$ ) [mm]	$\phi 4.0 \times 0.3$	$\phi 5.0 \times 0.3$	$\phi 10.0 \times 0.5$	$\phi 25.0 \times 0.5$	$\phi 30.0 \times 0.5$	
Terminal		Ag	Ag	Ag	Ag	Ag	
Coating		Nothing	Nothing	Nothing	Nothing	Nothing	
Features	Resonance Frequency	(fr) [kHz]	$480 \pm 5\%$	$400 \pm 5\%$	$200 \pm 5\%$	$78 \pm 5\%$	$64 \pm 5\%$
	Oscillating Mode		Diameter	Diameter	Diameter	Diameter	Diameter
	Electromechanical Coupling Coefficient	(Kp)	65% min.	65% min.	65% min.	65% min.	65% min.
	Capacitance	(C) [pF]	$800 \pm 15\%$	$1,000 \pm 15\%$	$2,700 \pm 15\%$	$18,000 \pm 15\%$	$26,000 \pm 15\%$
	Mechanical Quality Factor	(Qm) *1	80	80	80	80	80
	Insulation Resistance	(Ri) DC100V	10M $\Omega$ min.	10M $\Omega$ min.	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-d\_series-p01-10



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