



◆ C-series ◆ PIEZOELECTRIC CERAMICS C-series

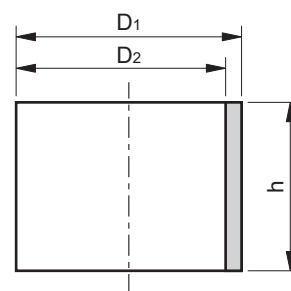
PIEZOELECTRIC CERAMICS

Code		C-12	C-21	C-22	C-24	C-26	C-44
Nominal Frequency	[kHz]	12.5	21	22	24	26	44
Configuration No-Coating	$(D_1 \times h)$ D_2 [mm]	$\phi 74.5 \times 60.0$ $\phi 66.5$	$\phi 45.0 \times 27.7$ $\phi 39.9$	$\phi 41.6 \times 27.6$ $\phi 37.0$	$\phi 39.4 \times 27.6$ $\phi 34.8$	$\phi 36.8 \times 27.5$ $\phi 31.6$	$\phi 22.3 \times 6.4$ $\phi 18.3$
Configuration Coating	$(D_1 \times h)$ D_2 [mm]	$\phi 76.0 \times 61.0$ $\phi 65.0$	$\phi 47.0 \times 28.65$ $\phi 38.8$	$\phi 44.3 \times 28.5$ $\phi 36.1$	$\phi 40.65 \times 28.75$ $\phi 33.16$	$\phi 38.1 \times 28.25$ $\phi 30.6$	$\phi 22.75 \times 6.95$ $\phi 17.85$
Terminal		Anti-heat vinyl twisted wire					
Coating		Nothing, Epoxy Resin					
Features	Resonance Frequency (fr) [kHz]	12.5 ± 10%	21 ± 5%	22 ± 5%	24 ± 5%	26 ± 5%	44 ± 5%
	Oscillating Mode	Diameter	Diameter	Diameter	Diameter	Diameter	Diameter
	Electromechanical Coupling Coefficient (Kp)	25% min.	25% min.	25% min.	25% min.	25% min.	25% min.
	Capacitance (C) [pF]	60,000 ± 20%	25,000 ± 15%	24,000 ± 15%	23,870 ± 15%	20,000 ± 15%	3,300 ± 15%
	Mechanical Quality Factor (Qm)	50~90	60~100	60~90	50~90	50~90	60
	Insulation Resistance (Ri) DC100V	10MΩ min.	10MΩ min	10MΩ min	10MΩ min	10MΩ min	10MΩ min

Code		C-50	C-100	C-150	C-220	C-350
Nominal Frequency	[kHz]	50	100	150	220	350
Configuration No-Coating	$(D_1 \times h)$ D_2 [mm]	$\phi 19.5 \times 15.5$ $\phi 14.0$	$\phi 10.0 \times 7.0$ $\phi 8.0$	$\phi 7.5 \times 5.5$ $\phi 4.5$	$\phi 4.55 \times 3.5$ $\phi 3.55$	$\phi 3.0 \times 2.0$ $\phi 2.0$
Configuration Coating	$(D_1 \times h)$ D_2 [mm]	$\phi 19.95 \times 16.05$ $\phi 13.55$	-	-	-	-
Terminal		Anti-heat vinyl twisted wire				Ag or Ni
Coating		Nothing, Epoxy Resin	Nothing	Nothing	Nothing	Nothing
Features	Resonance Frequency (fr) [kHz]	50 ± 5%	100 ± 5%	150 ± 5%	220 ± 5%	350 ± 5%
	Oscillating Mode	Diameter	Diameter	Diameter	Diameter	Diameter
	Electromechanical Coupling Coefficient (Kp)	25% min.	30% min.	25% min.	30% min.	30% min.
	Capacitance (C) [pF]	5,200 ± 15%	3,200 ± 15%	1,500 ± 15%	1,300 ± 15%	550 ± 15%
	Mechanical Quality Factor (Qm)	80	30~100	100	40	40
	Insulation Resistance (Ri) DC100V	10MΩ min.	10MΩ min.	10MΩ min.	10MΩ min.	10MΩ min.



[Dimension]



⚠ Specifications of products are subject to change without notice.

e-c_series-07



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