muRata

High Voltage Ceramic Capacitors DC10-40kV

Radial Lead Type DHR Series (DC10-15kV)

Features

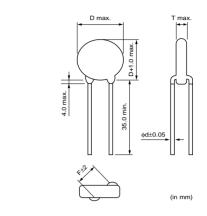
- 1. Small size
- 2. Excellent heat-proof, humidity-proof and highdielectric strength voltage.
- 3. Coated with flame-retardant epoxy resin.

Applications

- 1. Color TV doublers and triplers
- 2. High voltage DC power supplies (PPCs, X-ray apparatus, air cleaner, lasers, etc.)
- 3. Tuning capacitor in focus circuit for display

Marking

Temp. Char. Nominal body dia.		ZM	В		
ø8mm		(101 10K	101 10K		
	ø9mm and 10mm	221K 10K•	221M 10K		
ø11mm to 14mm		ZM 471K 10K	В 471М 10К		
ø15mm to 18mm		102KZ (10K) 0050	102MB (M 10K 0050		
	Nominal body dia. ø8mm	Omitted	Omitted		
Temperature Characteristics	Nominal body dia. Ø9 and 10mm	Marked with • (dot)			
	Nominal body dia. ø11 to 14mm	Marked with code.	Marked with code.		
Nominal body dia. ø15mm min.		Marked with Z.			
Nominal Capacitance		Under 100pF : Actual value, 100pF and over : Marked with 3 figures.			
Capacitance Tolerance		Marked with code, omitted for nominal body diameter ø8mm and under.			
Rated Voltage		Marked with code.			
Manufacturer's Identification		Marked with \textcircled{M} , omitted for nominal body diameter ø14mm and under.			
Manufactured Date		Abbreviation, omitted for nominal body diameter ø14mm and under. (Ex.) 0 5 0 ①: Last numeral in year ③: Fix No. ① ⑦ ③ ②: Number in the month			





ZM Characteristics

Part Number	Rated Voltage (kV)	Capacitance (pF)	Body Dia. D (mm)	Lead Spacing F (mm)	Body Thickness T (mm)	Lead Dia. ød (mm)
DHR4E4A101K2BB	DC10	100 +10, -10%	8.0	9.5	7.0	0.65
DHR4E4A151K2BB	DC10	150 +10, -10%	8.0	9.5	7.0	0.65
DHR4E4A221K2BB	DC10	220 +10, -10%	9.0	9.5	7.0	0.65
DHR4E4A331K2BB	DC10	330 +10,-10%	10.0	9.5	7.0	0.65
DHR4E4A471K2BB	DC10	470 +10, -10%	12.0	9.5	7.0	0.65
DHR4E4A681K2BB	DC10	680 +10, -10%	13.0	9.5	7.0	0.65
DHR4E4A102K2BB	DC10	1000 +10, -10%	15.0	9.5	7.0	0.65
DHR4E4B101K2BB	DC12	100 +10, -10%	8.0	9.5	7.3	0.65
DHR4E4B151K2BB	DC12	150 +10, -10%	9.0	9.5	7.3	0.65
DHR4E4B221K2BB	DC12	220 +10, -10%	9.0	9.5	7.3	0.65
DHR4E4B331K2BB	DC12	330 +10, -10%	11.0	9.5	7.3	0.65
DHR4E4B471K2BB	DC12	470 +10, -10%	12.0	9.5	7.3	0.65
DHR4E4B681K2BB	DC12	680 +10, -10%	14.0	9.5	7.3	0.65
DHR4E4B102K2BB	DC12	1000 +10, -10%	16.0	9.5	7.3	0.65
DHR4E4C101K2BB	DC15	100 +10, -10%	8.0	9.5	8.2	0.65
DHR4E4C151K2BB	DC15	150 +10, -10%	9.0	9.5	8.2	0.65
DHR4E4C221K2BB	DC15	220 +10, -10%	10.0	9.5	8.2	0.65
DHR4E4C331K2BB	DC15	330 +10, -10%	12.0	9.5	8.2	0.65
DHR4E4C471K2BB	DC15	470 +10, -10%	13.0	9.5	8.2	0.65
DHR4E4C681K2BB	DC15	680 +10, -10%	15.0	9.5	8.2	0.65
DHR4E4C102K2FB	DC15	1000 +10, -10%	18.0	12.7	8.2	0.8

B Characteristics

Part Number	Rated Voltage (kV)	Capacitance (pF)	Body Dia. D (mm)	Lead Spacing F (mm)	Body Thickness T (mm)	Lead Dia. ød (mm)
DHRB34A101M2BB	DC10	100 +20, -20%	8.0	9.5	7.0	0.65
DHRB34A151M2BB	DC10	150 +20, -20%	8.0	9.5	7.0	0.65
DHRB34A221M2BB	DC10	220 +20, -20%	9.0	9.5	7.0	0.65
DHRB34A331M2BB	DC10	330 +20, -20%	10.0	9.5	7.0	0.65
DHRB34A471M2BB	DC10	470 +20, -20%	12.0	9.5	7.0	0.65
DHRB34A681M2BB	DC10	680 +20, -20%	13.0	9.5	7.0	0.65
DHRB34A102M2BB	DC10	1000 +20, -20%	15.0	9.5	7.0	0.65
DHRB34B101M2BB	DC12	100 +20, -20%	8.0	9.5	7.7	0.65
DHRB34B151M2BB	DC12	150 +20, -20%	9.0	9.5	7.5	0.65
DHRB34B221M2BB	DC12	220 +20, -20%	9.0	9.5	7.5	0.65
DHRB34B331M2BB	DC12	330 +20, -20%	11.0	9.5	7.5	0.65
DHRB34B471M2BB	DC12	470 +20, -20%	12.0	9.5	7.5	0.65
DHRB34B681M2BB	DC12	680 +20, -20%	14.0	9.5	7.5	0.65
DHRB34B102M2BB	DC12	1000 +20, -20%	16.0	9.5	7.5	0.65
DHRB34C101M2BB	DC15	100 +20, -20%	8.0	9.5	8.5	0.65
DHRB34C151M2BB	DC15	150 +20, -20%	9.0	9.5	8.2	0.65
DHRB34C221M2BB	DC15	220 +20, -20%	10.0	9.5	8.2	0.65
DHRB34C331M2BB	DC15	330 +20, -20%	12.0	9.5	8.2	0.65
DHRB34C471M2BB	DC15	470 +20, -20%	13.0	9.5	8.2	0.65
DHRB34C681M2BB	DC15	680 +20, -20%	15.0	9.5	8.2	0.65
DHRB34C102M2FB	DC15	1000 +20, -20%	18.0	12.7	8.2	0.8

