

High Voltage Ceramic Capacitors DC10-40kV



Mold Type DHS N4700 Series (DC10-40kV)

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Murata's high voltage ceramic capacitors, DHS N4700 series, are designed to meet the stringent requirements of high voltage applications.

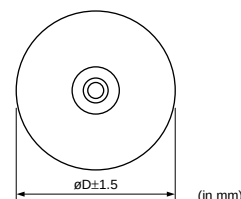
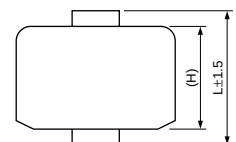
These capacitors are especially appropriate for applications which require a low dissipation factor and a small voltage coefficient.

■ Features

1. Epoxy resin encapsulated
2. Small size
3. Low dissipation factor and low heating value
4. Linear temperature characteristic
5. Low DC, AC-voltage coefficient

■ Applications

- Gas laser
- DC HV power supplies
- Lightning arresters, voltage distribution systems
- Electron microscopes, synchroscopes
- Electrostatic coating machines



DC Rated Voltage (kV)	Depth of tapped holes (mm)
10, 15	4
20, 30	6
40	8

Part Number	Capacitance (pF)	Capacitance Tolerance (%)	DC Rated Voltage (kV)	Dimensions (mm)			Terminal Type (Screw Thread Type)
				D	L	H	
DHS4E4A561KC2B	560	±10	10	20	16	12	ISO M4, P0.7 (Metric Screw Thread)
DHS4E4A122KH2B	1200			30			
DHS4E4A282KL2B	2800			38			
DHS4E4A502KR2B	5000			52			
DHS4E4A802KT2B	8000			60			
DHS4E4A561MCXB	560	±20		20	18	14	No.8-32, NC-2B (Inch Screw Thread)
DHS4E4A122MHXB	1200			30			
DHS4E4A282MLXB	2800			38			
DHS4E4A502MRXB	5000			52			
DHS4E4A802MTXB	8000			60			
DHS4E4C371KC2B	370	±10	15	20	18	14	ISO M4, P0.7 (Metric Screw Thread)
DHS4E4C112KH2B	1100			30			
DHS4E4C192KL2B	1900			38			
DHS4E4C342KR2B	3400			52			
DHS4E4C532KT2B	5300			60			
DHS4E4C371MCXB	370	±20		20	18	14	No.8-32, NC-2B (Inch Screw Thread)
DHS4E4C112MHXB	1100			30			
DHS4E4C192MLXB	1900			38			
DHS4E4C342MRXB	3400			52			
DHS4E4C532MTXB	5300			60			

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Part Number	Capacitance (pF)	Capacitance Tolerance (%)	DC Rated Voltage (kV)	Dimensions (mm)			Terminal Type (Screw Thread Type)	
				D	L	H		
DHS4E4D281KC2B	280	±10	20	20	24	20	ISO M4, P0.7 (Metric Screw Thread)	
DHS4E4D881KH2B	880			30				
DHS4E4D142KL2B	1400			38				
DHS4E4D252KR2B	2500			52				
DHS4E4D402KT2B	4000			60				
DHS4E4D281MCXB	280	±20			20			No.8-32, NC-2B (Inch Screw Thread)
DHS4E4D881MHXB	880			30				
DHS4E4D142MLXB	1400			38				
DHS4E4D252MRXB	2500			52				
DHS4E4D402MTXB	4000			60				
DHS4E4F191KC2B	190	±10	30	20	28	24	ISO M4, P0.7 (Metric Screw Thread)	
DHS4E4F591KH2B	590			30				
DHS4E4F941KL2B	940			38				
DHS4E4F172KR2B	1700			52				
DHS4E4F272KT2B	2700			60				
DHS4E4F191MCXB	190	±20			20			No.8-32, NC-2B (Inch Screw Thread)
DHS4E4F591MHXB	590			30				
DHS4E4F941MLXB	940			38				
DHS4E4F172MRXB	1700			52				
DHS4E4F272MTXB	2700			60				
DHS4E4G141KC2B	140	±10	40	20	36	32	ISO M4, P0.7 (Metric Screw Thread)	
DHS4E4G441KH2B	440			30				
DHS4E4G701KL2B	700			38				
DHS4E4G132KR2B	1300			52				
DHS4E4G202KT2B	2000			60				
DHS4E4G141MCXB	140	±20			20			No.8-32, NC-2B (Inch Screw Thread)
DHS4E4G441MHXB	440			30				
DHS4E4G701MLXB	700			38				
DHS4E4G132MRXB	1300			52				
DHS4E4G202MTXB	2000			60				