

MDD(5) Series

(Resin Dip Type Metallized Polyester Film Capacitors for PFC use only)

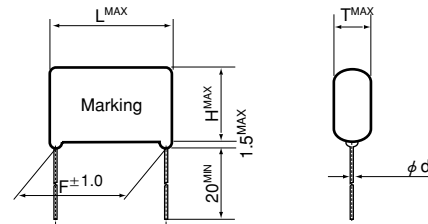
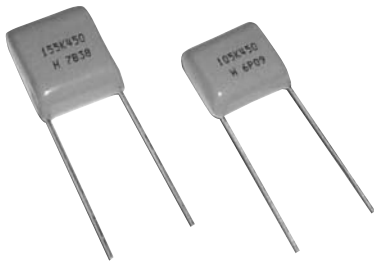
Features

- The size reduced by 40% of conventional
- The buzz noise reduced by 10dB of conventional
- Improve of pulse current resistance with the technology for Automobile

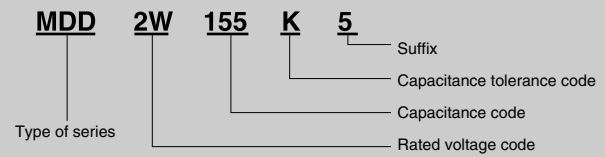
Product Specifications

Items	Specifications
Temperature range	-40°C ~ + 85°C
Rated voltage	450 V.DC
Capacitance tolerance	±10% (K)
Dielectric dissipation factor	0.8% or less (20°C, 1KHz)
Withstanding voltage	Rated voltage(V.DC) × 1.4 for one min.
Insulation resistance	2,500MΩ · μF or more
Related standard	Subject to JIS C 5101-1 and JIS C 5101-2

Outline of drawings and dimensions



Product symbol : (Example) MDD(5) Series 450V.DC 1.5μF±10%



Standard value and case size

(Unit : mm)

No.	Production name	Cap. (μF)	Tol. (%)	R.V (VDC)	Size (mm)					I _{0-p} A _{0-p}
					T	H	L	F	d	
1	MDD-2W-474K5	0.47	±10	450	9.0	15.5	13.0	10.0	0.6	16.0
2	MDD-2W-684K5	0.68	±10	450	8.0	15.0	18.0	15.0	0.8	13.0
3	MDD-2W-105K5	1.0	±10	450	9.5	16.0	18.0	15.0	0.8	20.0
4	MDD-2W-155K5	1.5	±10	450	9.5	16.0	25.5	22.5	0.8	18.0
5	MDD-2W-225K5	2.2	±10	450	11.5	18.0	25.5	22.5	0.8	26.0