

MDD(5Y) Series (Resin Dip Type Metallized Polyester Film Capacitors for PFC use only)

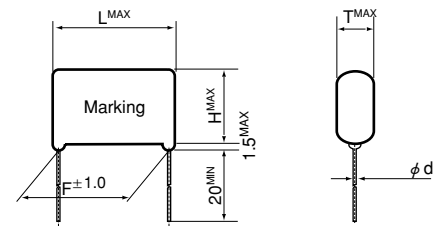
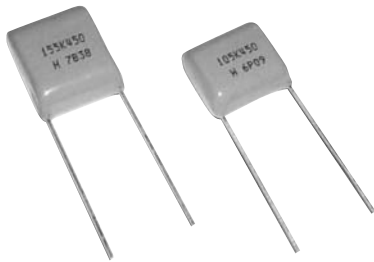
Features

- The size reduced by 30% of conventional
- The buzz noise reduced by 10dB of conventional
- Coated flame-retardant (UL94-V0) epoxy resin.
(IEC 60384-14 Inflammability category ' B ')

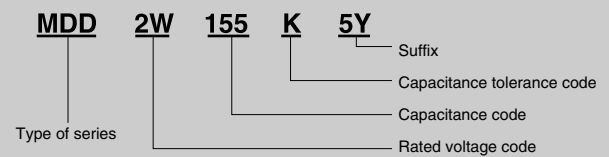
Product Specifications

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 · μFor more
Related standard	Subject to JIS C 5101-1 and JIS C 5101-2

Outline of drawings and dimensions



Product symbol : (Example) MDD(5Y) 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-HD-2W-105K5Y	1.0	±10	450	10.0	17.0	18.0	15.0	0.8	20.0
2	MDD-HD-2W-155K5Y	1.5	±10	450	11.5	21.5	18.5	15.0	0.8	30.0
3	MDD-HD-2W-225K5Y	2.2	±10	450	14.5	24.0	18.5	15.0	0.8	44.0