

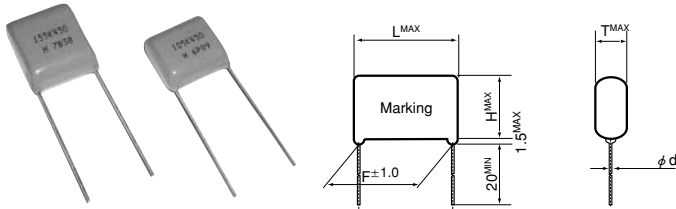
## MDD(5) Series

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

### Features

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

### Outline of drawings and dimensions

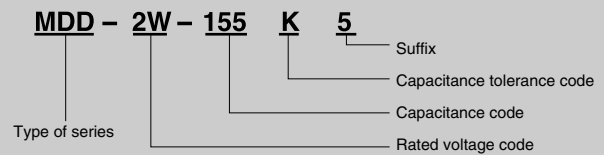


### Product Specifications

Items	Specifications
Temperature range	-40°C ~ +85°C (+105°C with derating over 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
Insulation resistance	Between terminals   2,500 / C <sub>R</sub> MΩ or more
Related standard	Subject to JIS C 5101-1 and JIS C 5101-2

C<sub>R</sub> : Capacitance ( μF)

Designation : (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					I <sub>0-p</sub> A <sub>0-p</sub>
					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

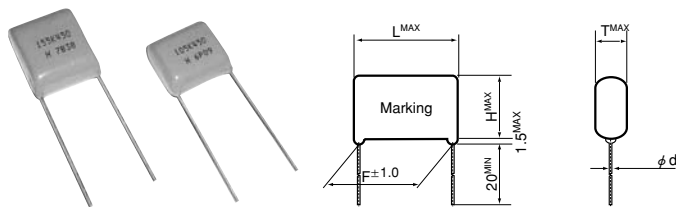
## MDD-HD(5Y) Series

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

### Features

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

### Outline of drawings and dimensions

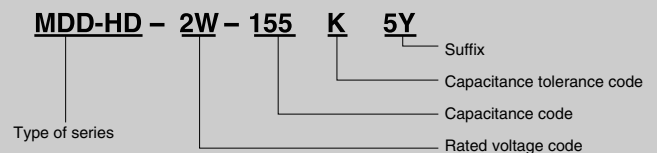


### Product Specifications

Items	Specifications
Temperature range	-40°C ~ +85°C (+105°C with derating over 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
Insulation resistance	Between terminals   2,500 / C <sub>R</sub> MΩ or more
Related standard	Subject to JIS C 5101-1 and JIS C 5101-2

C<sub>R</sub> : Capacitance ( μF)

Designation : (Example) MDD-HD(5Y) Series 450V.DC 1.5μF±10%



### Standard value and case size

(Unit : mm)

No.	Production name	Cap. (μF)	Tol. (%)	R.V (VDC)	Size					I <sub>0-p</sub> A <sub>0-p</sub>
					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