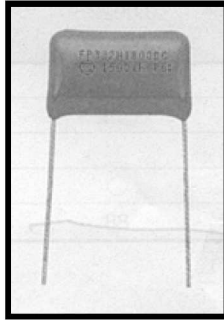


PLASTIC FILM CAPACITORS

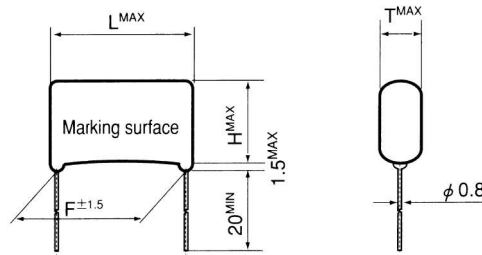
FMDD-P Series • Resin Dipped, Metalized Polypropylene Film Capacitors

The FMDD-P Series are resin dipped, metalized polypropylene film capacitors that are suitable for high frequency and high voltage circuits. Application examples include TV horizontal resonance, inverter lighting ballast circuits, resonance type SW power supplies, etc.

- Metalized polypropylene film is used as a dielectric and forms a non-inductive winding for low loss.
- Excellent temperature and frequency characteristics.
- Excellent dielectric pulse voltage characteristics.
- Exterior coating is flame retardant epoxy resin.



Drawings and dimensions

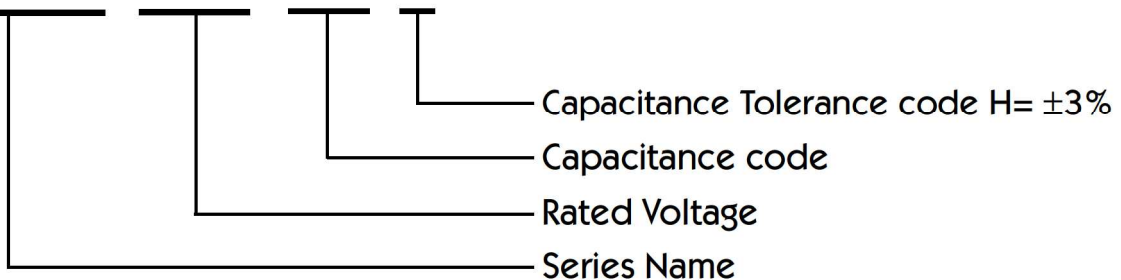


Items	Specifications
Temperature range	-40°C to +105°C (with derating over 85°C)
Rated voltage	1000V. DC (800Vp-p), 1250V. DC (1000Vp-p), 1600V. DC (1200Vp-p), 1800V. DC (1500Vp-p), 2000V. DC (1800Vp-p)
Capacitance Tolerance	±3% (H), ±5% (J)
Dielectric dissipation factor	Less than 0.1% (20°C, 1KHz)
Withstanding voltage	Between terminals Rated volt X 1.5, 1min. Between terminal & outside coating Rated volt x 2.0, 1 to 5 sec.
Insulation resistance (500V)	Between terminals 30,000MΩ or more
Others	Subject to EIAJ RC 2347 and JIS C 5102

Product Numbering System for FMDD-P Series.

Example: FMDD-P Series, 1000V.DC, 0.01μF ±3%

FMDD-P 3A 103 H



PLASTIC FILM CAPACITORS

FMDD-P Series

• Resin Dipped, Metalized Polypropylene Film Capacitors

Rated Voltage (WVDC)	Part Number	Capacitance	Capacitance Tolerance	Dimensions		Packaging
				T x H x L	F	
1000 Volts DC (Code: 3A)	FMDD-P3A103H	0.01	±3%	10.0 x 13.5 x 21.0	15.0	Bulk
	FMDD-P3A103J	0.01	±5%	10.0 x 13.5 x 21.0	15.0	Bulk
	FMDD-P3A113H	0.011	±3%	10.0 x 14.0 x 21.0	15.0	Bulk
	FMDD-P3A113J	0.011	±5%	10.0 x 14.0 x 21.0	15.0	Bulk
	FMDD-P3A123H	0.012	±3%	10.0 x 14.0 x 21.0	15.0	Bulk
	FMDD-P3A123J	0.012	±5%	10.0 x 14.0 x 21.0	15.0	Bulk
	FMDD-P3A133H	0.013	±3%	10.5 x 14.5 x 21.0	15.0	Bulk
	FMDD-P3A133J	0.013	±5%	10.5 x 14.5 x 21.0	15.0	Bulk
	FMDD-P3A153H	0.015	±3%	10.5 x 14.5 x 21.0	15.0	Bulk
	FMDD-P3A153J	0.015	±5%	10.5 x 14.5 x 21.0	15.0	Bulk
	FMDD-P3A163H	0.016	±3%	11.5 x 15.0 x 21.0	15.0	Bulk
	FMDD-P3A163J	0.016	±5%	11.5 x 15.0 x 21.0	15.0	Bulk
	FMDD-P3A183H	0.018	±3%	11.5 x 15.0 x 21.0	15.0	Bulk
	FMDD-P3A183J	0.018	±5%	11.5 x 15.0 x 21.0	15.0	Bulk
	FMDD-P3A203H	0.02	±3%	10.0 x 15.0 x 25.0	20.0	Bulk
	FMDD-P3A203J	0.02	±5%	10.0 x 15.0 x 25.0	20.0	Bulk
	FMDD-P3A223H	0.022	±3%	10.0 x 15.0 x 25.0	20.0	Bulk
	FMDD-P3A223J	0.022	±5%	10.0 x 15.0 x 25.0	20.0	Bulk
	FMDD-P3A243H	0.024	±3%	11.0 x 15.5 x 25.0	20.0	Bulk
	FMDD-P3A243J	0.024	±5%	11.0 x 15.5 x 25.0	20.0	Bulk
	FMDD-P3A273H	0.027	±3%	11.0 x 15.5 x 25.0	20.0	Bulk
	FMDD-P3A273J	0.027	±5%	11.0 x 15.5 x 25.0	20.0	Bulk
	FMDD-P3A303H	0.03	±3%	11.0 x 16.5 x 25.0	20.0	Bulk
	FMDD-P3A303J	0.03	±5%	11.0 x 16.5 x 25.0	20.0	Bulk
	FMDD-P3A333H	0.033	±3%	12.0 x 16.5 x 25.0	20.0	Bulk
	FMDD-P3A333J	0.033	±5%	12.0 x 16.5 x 25.0	20.0	Bulk
	FMDD-P3A363H	0.036	±3%	12.5 x 17.0 x 25.0	20.0	Bulk
	FMDD-P3A363J	0.036	±5%	12.5 x 17.0 x 25.0	20.0	Bulk
	FMDD-P3A393H	0.039	±3%	12.5 x 17.0 x 25.0	20.0	Bulk
	FMDD-P3A393J	0.039	±5%	12.5 x 17.0 x 25.0	20.0	Bulk
	FMDD-P3A433H	0.043	±3%	10.5 x 17.5 x 31.0	25.0	Bulk
	FMDD-P3A433J	0.043	±5%	10.5 x 17.5 x 31.0	25.0	Bulk
	FMDD-P3A473H	0.047	±3%	10.5 x 17.5 x 31.0	25.0	Bulk
	FMDD-P3A473J	0.047	±5%	10.5 x 17.5 x 31.0	25.0	Bulk
	FMDD-P3A513H	0.051	±3%	11.0 x 18.0 x 31.0	25.0	Bulk
	FMDD-P3A513J	0.051	±5%	11.0 x 18.0 x 31.0	25.0	Bulk
	FMDD-P3A563H	0.056	±3%	11.0 x 18.0 x 31.0	25.0	Bulk
	FMDD-P3A563J	0.056	±5%	11.0 x 18.0 x 31.0	25.0	Bulk
	FMDD-P3A623H	0.062	±3%	12.0 x 19.0 x 31.0	25.0	Bulk
	FMDD-P3A623J	0.062	±5%	12.0 x 19.0 x 31.0	25.0	Bulk
FMDD-P3A683H	0.068	±3%	12.0 x 19.0 x 31.0	25.0	Bulk	
FMDD-P3A683J	0.068	±5%	12.0 x 19.0 x 31.0	25.0	Bulk	
FMDD-P3A753H	0.075	±3%	12.0 x 21.5 x 31.0	25.0	Bulk	
FMDD-P3A753J	0.075	±5%	12.0 x 21.5 x 31.0	25.0	Bulk	
FMDD-P3A823H	0.082	±3%	12.0 x 21.5 x 31.0	25.0	Bulk	
FMDD-P3A823J	0.082	±5%	12.0 x 21.5 x 31.0	25.0	Bulk	
FMDD-P3A913H	0.091	±3%	13.5 x 22.5 x 31.0	25.0	Bulk	
FMDD-P3A913J	0.091	±5%	13.5 x 22.5 x 31.0	25.0	Bulk	
FMDD-P3A104H	0.1	±3%	13.5 x 22.5 x 31.0	25.0	Bulk	
FMDD-P3A104J	0.1	±5%	13.5 x 22.5 x 31.0	25.0	Bulk	