

PLASTIC FILM CAPACITORS

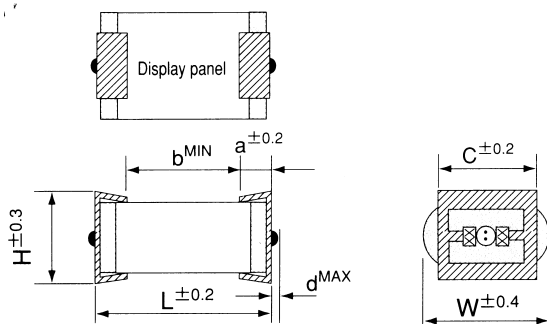
MML-F Series

•Metalized Polyphenylene Sulfide Film Chip Capacitors

The MML-F Series are large capacity, high voltage chip capacitors that apply the sheathless type technology of the Model MML-E but use polyester film. The 100 and 160V. DC models are suited for DSU-type terminal adaptors and other communications equipment. The 600V.DC models are suitable for SSRs and other power circuits requiring high voltage.



For taping of Model MML-F, see page 99.



Specifications for 100 and 160 V.DC models

Items	Specifications
Temperature range	-40°C to +105°C (with derating over 85°C)
Rated voltage	100 and 160 V.DC models
Capacitance Tolerance	±5% (J), ±10% (K)
Dielectric dissipation factor	Less than 0.7 (20°C, 1KHz)
Withstanding voltage	Rated volt X 1.5 1min.
Insulation resistance	More than 1,000MΩ•μF
Solder heat resistance	Reflow soldering: 5 sec max., peak 220°C
Others	Subject to JIS C 5115 and JIS C 5102

Specifications for 630 V.DC model

Items	Specifications
Temperature range	-40°C to +105°C (with derating over 85°C)
Rated voltage	630 V.DC model
Capacitance Tolerance	±5% (J), ±10% (K)
Dielectric dissipation factor	Less than 0.7 (20°C, 1KHz)
Withstanding voltage	Rated volt X 1.5 1min.
Insulation resistance	More than 15,000MΩ
Solder heat resistance	Reflow soldering: 5 sec max., peak 220°C
Others	Subject to JIS C 5115 and JIS C 5102

Rated Voltage (WVDC)	Part Number	Capacitance	Capacitance Tolerance	Packing Method	Dimensions					Quantity
					W x H x L	a	b	c	d	
100 Volts DC (Code: 2A)	MML-F2A474JT	0.47	±5%	Carrier Tape (T)	5.7 x 3.5 x 7.4	1.2	4.3	4.3	0.3	500/reel
	MML-F2A474KT	0.47	±10%	Carrier Tape (T)	5.7 x 3.5 x 7.4	1.2	4.3	4.3	0.3	500/reel
	MML-F2A105JT	1.0	±5%	Carrier Tape (T)	7.2 x 3.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2A105KT	1.0	±10%	Carrier Tape (T)	7.2 x 3.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
160 Volts DC (Code: 2C)	MML-F2C105JT	1.0	±5%	Carrier Tape (T)	8.9 x 4.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2C105KT	1.0	±10%	Carrier Tape (T)	8.9 x 4.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
630 Volts DC (Code: 2J)	MML-F2J103JT	0.010	±5%	Carrier Tape (T)	5.4 x 2.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2J103KT	0.010	±10%	Carrier Tape (T)	5.4 x 2.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2J153JT	0.015	±5%	Carrier Tape (T)	6.0 x 3.0 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2J153KT	0.015	±10%	Carrier Tape (T)	6.0 x 3.0 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2J223JT	0.022	±5%	Carrier Tape (T)	6.8 x 3.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2J223KT	0.022	±10%	Carrier Tape (T)	6.8 x 3.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2J333JT	0.033	±5%	Carrier Tape (T)	7.4 x 4.5 x 10.4	1.2	7.3	4.3	0.3	500/reel
	MML-F2J333KT	0.033	±10%	Carrier Tape (T)	7.4 x 4.5 x 10.4	1.2	7.3	4.3	0.3	500/reel