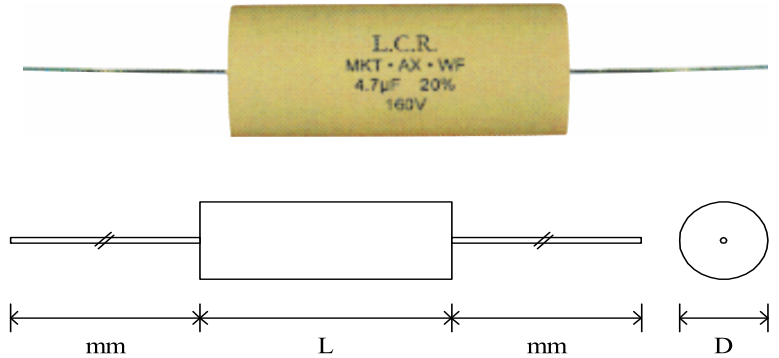


These small axial lead metallised polyester capacitors are non - inductively wound and enclosed in a plastic sleeve. The ends are sealed with epoxy resin.

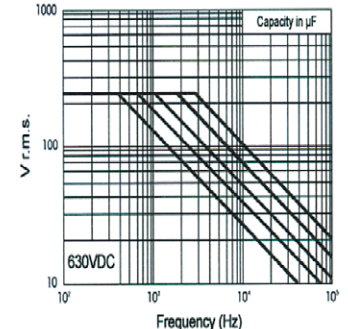
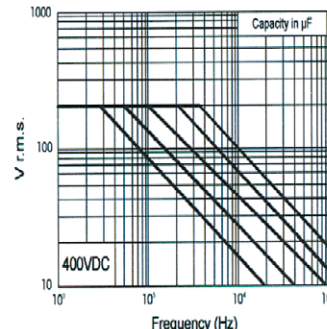
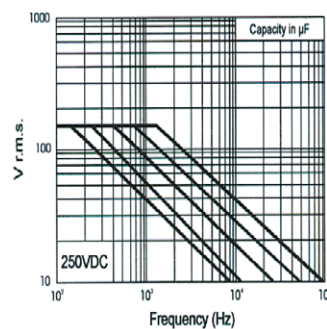
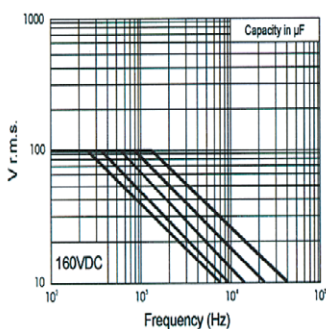


SPECIFICATION

Capacitance Range	0.01 - 10 μ F
Capacitance Tolerance	$\pm 10\%$ (5% on request)
Rated Voltage	160 V, 250V, 400V, 630V
Operating Temperature Range	-40°C to 100°C (with derating above 85°C)
Insulation Resistance	for $C \leq 0.33\mu\text{F}$ > 30,000 M Ω for $C > 0.33\mu\text{F}$ RC > 10,000s
Dissipation Factor	for $C < \mu\text{F}$ (at 10 KHz) 0.02 for $C \geq \mu\text{F}$ (at 1 KHz) 0.01
Climatic Category	40/100/21
Capacitance Stability	< 2% over 20,000 Hours under storage conditions
Self Inductance	1nH/mm
Approvals	BS, EN, ISO 9001-2008

Pulse Characteristics Max dv/dt in volts / microsecond				
Capacitor Length mm	160 V	250 V	400 V	630 V
14.0	8.0	11.0	19.0	28.0
19.0	5.0	6.5	10.5	15.5
26.5	3.0	4.0	6.5	10.0
31.5	2.5	3.0	3.0	7.0

Termination Dimensions	
Component Diameter	Wire Diameter
≤ 7 mm	0.7 mm
> 7 mm	0.8 mm



MKT/AX/WF STANDARD RANGE AND DIMENSIONS

Voltage	Capacity μF	Length mm	Diameter mm
	0.01	14.0	6.0
	0.015	14.0	6.0
	0.022	14.0	6.0
	0.033	14.0	6.0
	0.047	14.0	6.0
	0.068	14.0	6.0
	0.1	14.0	6.0
	0.15	14.0	6.0
	0.22	14.0	7.0
160V	0.33	19.0	6.5
	0.47	19.0	7.5
	0.68	19.0	9.0
	1	26.5	8.5
	1.5	26.5	10.0
	2.2	26.5	12.0
	3.3	31.5	12.5
	4.7	31.5	14.0
	6.8	31.5	15.0
	10	31.5	17.0
	0.01	14.0	6.0
	0.015	14.0	6.0
	0.022	14.0	6.0
	0.033	14.0	6.0
	0.047	14.0	6.0
	0.068	14.0	6.0
	0.1	14.0	6.0
250V	0.15	14.0	7.0
	0.22	19.0	7.0
	0.33	19.0	8.0
	0.47	19.0	9.0
	0.68	26.5	8.5
	1	26.5	10.0
	1.5	31.5	11.0
	2.2	31.5	13.0
	3.3	31.5	15.5

Voltage	Capacity μF	Length mm	Diameter mm
	0.01	14.0	6.0
	0.015	14.0	6.0
	0.022	14.0	6.0
	0.033	14.0	6.0
	0.047	14.0	7.0
400V	0.068	14.0	8.0
	0.1	19.0	7.0
	0.15	19.0	8.5
	0.22	26.5	8.0
	0.33	26.5	9.5
	0.47	26.5	11.0
	0.68	31.5	11.5
	1	31.5	13.5
	0.01	14.0	6.0
	0.015	14.0	6.0
	0.022	14.0	7.0
	0.033	19.0	7.0
	0.047	19.0	8.0
630V	0.068	19.0	9.0
	0.1	26.5	8.5
	0.15	26.5	10.0
	0.22	26.5	11.5
	0.33	31.5	13.0
	0.47	31.5	15.0
	0.68	31.5	17.5
	1	31.5	20.5