



Film Capacitors

Metallized polyester film capacitors (MKT)

Date: May 2009

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The dielectric polyethylene terephthalate (PET), better known as polyester, is the most common one. With this foil it is possible to create small dimensions, operating temperatures up to 125 °C as well as very good self-healing performance.

The medium voltage level up to 1000 V and the pulse handling capability combined with a broad value range are reasons why this product can be used in the majority of applications.

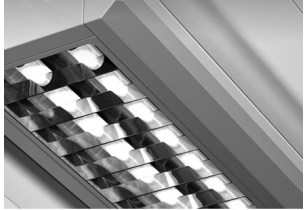
Automotive



Industrial



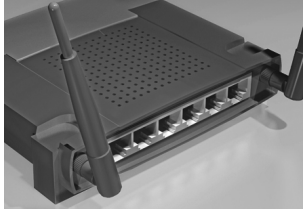
Lighting








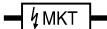
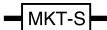
Consumer



Telecommunications



Metallized polyester film capacitors (MKT)
Overview
MKT capacitors

Terminals		Construction	Lead spacing mm	Series	Features	V _R V DC	C _R μF	Page
Radial leads		Boxed (stacked/wound)	5, 7.5, 10, 15, 22.5, 27.5, 37.5	B32520 ... B32529	General purpose	50 ... 630	0.0010 ... 220	
		Un-coated (stacked)	7.5, 10, 15, 22.5, 27.5	B32560 ... B32564	Small dimensions	63 ... 1000	0.0010 ... 33	
			15, 22.5	B32572, B32573	Ignition applications	250	0.68 ... 2.2	
		Coated (stacked/wound)	10, 15, 22.5, 27.5	B32591 ... B32594	General purpose	100 ... 630	0.010 ... 10	
MiniBlue™		Coated (stacked)	5	B32559C	Small dimensions	63 ... 630	0.0010 ... 1.0	
			5	B32559S	xDSL series	630	0.0056 ... 0.027	
Axial leads		Flat winding		B32231	General purpose	100 ... 630	0.10 ... 10	
		Cylindrical winding		B32232				100 ... 630
		Flat winding		B32227	High voltage applications	1000 ... 6300	0.010 ... 0.25	
		Cylindrical winding		B32237				1000 ... 12500
		Metal tube		B32537	High reliability	50 ... 630	0.033 ... 100	