

Type of Plastic Film Capacitors

Series	Electrode Construction	Dielectric	Outline	Category Temperature Range	Rated Voltage and Capacitance Range	Features and Constructions	Applications	Page
XK-(ZH)	Metallized Film Type	Metallized Polyester Film	Standard Type	※1 -40 to +105°C	0.01 to 3.3 μ F 250 to 630VDC	<ul style="list-style-type: none"> • Compact and lightweight • Flame-retardant epoxy coating 	General purposes	350
XK		Metallized Polyester Film	Compact Size Standard Type	※1 -40 to +105°C	0.01 to 10 μ F 250 to 630VDC	<ul style="list-style-type: none"> • Compact and lightweight • Flame-retardant epoxy coating 	General purposes	351
XP		Metallized Polypropylene Film	Standard Type For High Frequency Applications Dip Type	※1 -40 to +105°C	0.01 to 3.3 μ F 250 to 800VDC	<ul style="list-style-type: none"> • Compact and lightweight • Excellent in temperature characteristics and high frequency operation • Flame-retardant epoxy coating 	For high frequency circuits	352
XT		Polypropylene Film, and Metallized Polypropylene Film	For High Frequency & Large current Applications Dip Type	※1 -40 to +105°C	0.0068 to 0.1 μ F 400 · 630VDC	<ul style="list-style-type: none"> • Compact and lightweight • Excellent in temperature characteristics and high frequency operation • Flame-retardant epoxy coating 	For high frequency circuits	353
XL		Metallized Polyester Film	Electrical Appliance and Material Safety Law Approved Dip Type	-40 to +105°C	0.01 to 1.0 μ F 125 · 250VAC	<ul style="list-style-type: none"> • Flame-retardant epoxy coating • High reliability • Compact and lightweight 	A.C.line noise suppression	355
AK		Metallized Polyester Film	Tape-Wrapped Axial lead Type	-40 to +85°C	0.1 to 10 μ F 250 to 630VDC	<ul style="list-style-type: none"> • Superior characteristics in protection from mechanical damage and high humidity • Large capacitance 	Filtering, D.C.blocking and coupling circuits	356
AP		Metallized Polypropylene Film	Tape-Wrapped Axial lead Type For High Frequency Applications	-40 to +85°C	0.15 to 10 μ F 250 to 630VDC	<ul style="list-style-type: none"> • Excellent in temperature coefficient and at high frequency operation • Humidity resistance • Large capacitance 	Filtering of high frequency circuits and charging / discharging circuits	357
YX	Foil Type	Polyester Film	Miniaturized Standard Type	-40 to +85°C	0.001 to 0.47 μ F 50 · 100VDC	<ul style="list-style-type: none"> • Uniform epoxy coating (clear-yellow) • Optimum for auto-insertion 	General purposes	358

When DC rated capacitors are operated in AC circuit, Problems may occur because of inherent temperature rise, discharge, etc.
So in such a case, please contact us in advance for the right application.

※ 1 In case capacitor is used at +85°C or more, need voltage derating as show in page 333 or more.

Type of Plastic Film Capacitors for AC Power

Series	Electrode Construction	Dielectric	Configuration	Category Temperature Range	Rated Voltage and Capacitance Range	Features and Constructions	Applications	Page
EC	Metallized Film Type	Metallized Polypropylene Film	Encased Type	-25 to +85°C	1.0 to 50 μ F 200 to 400VAC	<ul style="list-style-type: none"> • Flame-retardant epoxy cased coating • Tab terminal, Pin terminal stranded wire terminal 	Motor running	360
EN		Metallized Polypropylene Film	Encased Type	-25 to +70°C	1.0 to 30 μ F 200 to 400VAC	<ul style="list-style-type: none"> • UL 810 approved • Safety mechanism • Flame-retardant epoxy cased coating • Tab terminal, Pin terminal 	American Application Motor running	360
XH		Metallized Polypropylene Film	Dip Type	-25 to +85°C	6 to 12 μ F 250VAC	<ul style="list-style-type: none"> • Flame-retardant epoxy resin coating 	Motor running	362