

Pulse & Snubbers Capacitors

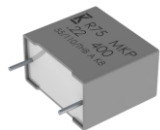
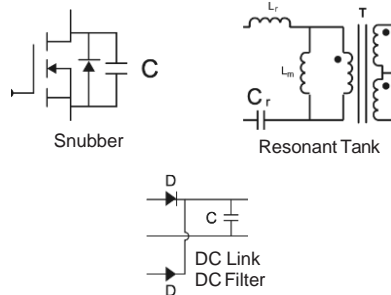
Overview

Metallized And Aluminum Foil Polypropylene Film

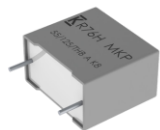
Pulse capacitors are Polypropylene film capacitors for power conversion applications requiring stable capacitance and low dissipation factors to handle high voltage, high dV/dt and high ripple currents.

Typical Application

- Silicon-controlled rectifier (SCR and IGBT) and SiC (e.g. MOSFET) commutation circuits.
- DC Link, Snubber, resonant converters, and tank circuits.



R75H



R76H

Key Product Highlights

R75H 125 °C (single metallized) Pulse
R76H 125 °C (Double metallized) Pulse

- AEC-Q200
- Harsh environmental applications
THB: 85°C, 85% R.H., 1,000h, Vrated (Vdc/Vac).
- R75H has the best endurance performance in the industry at 125°C, 2000h, Vrated.
- R76H has the highest Irms capability per volume in the industry.

PP Film Profile	SERIES	Max. Voltage (Vdc)	MinC (pF)	MaxC (µF)	Max. Hot Spot Temp. (°C)	Construction A = Axial R2 = Radial, 2 Leads R4 = Radial, 4 Leads	Self Healing Best = B Good = G N/A = N	Maximum dV/dt (V/µs)	High Temp. (> 105°C)	Harsh Environment THB (85°C/85%RH)	Industry
Single Metallized Film	R75	2,000	220	33	105	R2	B	9,500			• • • •
	R75H	2,000	1,000	33	125	R2	B	9,500	•	•	• • • •
	R76	2,000	100	12	110	R2	G	11,000			• • • •
	R76H	2,000	470	12	125	R2	G	11,000	•	•	• • • •
Double Metallized Film	C4AS	3,000	22,000	5	85	R2,R4	G	3,360			• •
	C4BS	3,000	47,000	5	85	IGBT Mounting	G	2,068			• •
Polypropylene Film/Foil	R73	2,000	100	2.2	105	R2	N	54,000			• • • •
	PFR ⁽²⁾	1,000	100	0.022	100	R2	N	1,000			• • •