

ARCOTRONICS Film Capacitors

ARCOTRONICS GROUP
A KEMET Company



This product is RoHS compliant.

ARCOTRONICS RADIAL METALLIZED POLYESTER FILM CAPACITORS

Series R82

Applications:

- By-passing
- Decoupling
- Coupling
- Blocking
- Oscillator circuits
- Timing

Features:

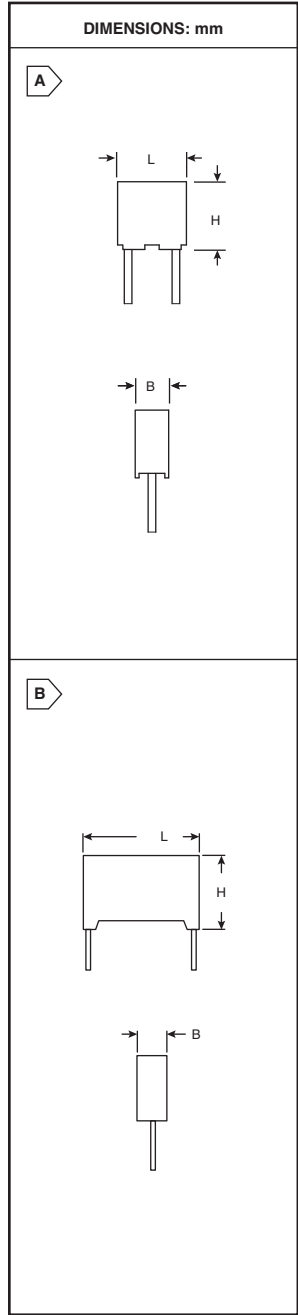
- Operating temperature range: -55 to +105°C
- Plastic case, thermosetting resin filled
- Box material is solvent resistant & flame retardant
- Non-inductive type
- Tinned wire



RoHS Compliant

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Arcotronics Part No.	Fig.	Value (µf)	Voltage	Tol.	Dimensions: mm				Packaging	Price Each		
						L	H	B	LS		1	50	100
80-R82DC3100DQ50J	R82DC3100DQ50J	A	0.1	63	5%	7.2	6.5	2.5	5	Ammo-Pack	.19	.17	.14
80-R82DC3100AA50J	R82DC3100AA50J	A	0.1	63	5%	7.2	6.5	2.5	5	Bulk	.21	.19	.156
80-R82DC4100CK60J	R82DC4100CK60J	A	0.1	63	5%	7.2	10.0	5.0	5	Tape & Reel	.30	.27	.24
80-R82DC3220DQ60J	R82DC3220DQ60J	A	.22	63	5%	7.2	6.5	2.5	5	Ammo-Pack	.21	.201	.173
80-R82DC3470DQ60J	R82DC3470DQ60J	A	.47	63	5%	7.2	7.5	3.5	5	Ammo-Pack	.22	.17	.15
80-R82DC3470AA60J	R82DC3470AA60J	A	.47	63	5%	7.2	7.5	3.5	5	Bulk	.22	.17	.15
80-R82DC4100DQ60J	R82DC4100DQ60J	A	1	63	5%	7.2	10.0	5.0	5	Ammo-Pack	.30	.27	.24
80-R82EC1100DQ50J	R82EC1100DQ50J	A	.001	100	5%	7.2	6.5	2.5	5	Ammo-Pack	.25	.22	.19
80-R82EC1470DQ50J	R82EC1470DQ50J	A	.0047	100	5%	7.2	6.5	2.5	5	Ammo-Pack	.21	.19	.16
80-R82EC2100DQ50J	R82EC2100DQ50J	A	.01	100	5%	7.2	6.5	2.5	5	Ammo-Pack	.11	.09	.078
80-R82EC2220DQ50J	R82EC2220DQ50J	A	.022	100	5%	7.2	6.5	2.5	5	Ammo-Pack	.12	.108	.093
80-R82EC2470DQ60J	R82EC2470DQ60J	A	.047	100	5%	7.2	6.5	2.5	5	Ammo-Pack	.21	.19	.16
80-R82EC3100DQ70J	R82EC3100DQ70J	A	0.1	100	5%	7.2	6.5	2.5	5	Ammo-Pack	.12	.102	.088
80-R82EC3220DQ70J	R82EC3220DQ70J	A	.22	100	5%	7.2	7.5	3.5	5	Ammo-Pack	.24	.19	.15
80-R82EC3470DQ70J	R82EC3470DQ70J	A	.47	100	5%	7.2	9.5	4.5	5	Ammo-Pack	.30	.241	.212
80-R82EC4100DQ70J	R82EC4100DQ70J	A	1	100	5%	7.2	11.0	6.0	5	Ammo-Pack	.36	.296	.279
80-R82IC3100DQ60J	R82IC3100DQ60J	A	0.1	250	5%	7.2	9.5	4.5	5	Ammo-Pack	.27	.199	.149



Film Capacitors

Arcotronics

Series R46

Applications:

- Interference suppression
- Across-the-line applications
- Suitable in situations where failure of the capacitor would not lead to danger of electric shock.

Features:

- Plastic case, thermosetting resin filled
- Box material is solvent resistant and flame retardant
- Operating temperature range: -40 to +110°C
- Tinned wire
- Non-inductive type
- Self-healing



RoHS Compliant

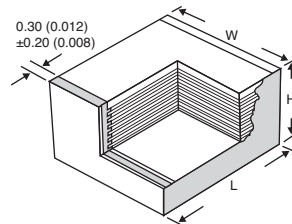
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MOUSER STOCK NO.	Arcotronics Part No.	Class	Fig.	Value (µf)	Voltage	Tolerance	Dimensions: mm			Price Each		
							L	H	B	1	50	100
275 Volts												
80-R46KI21005001K1	R46KI21005001K1	X2	B	.01	275	10%	18.0	11.0	5.0	.30	.23	.21
80-R46KI22200001K1	R46KI22200001K1	X2	B	.022	275	10%	18.0	11.0	5.0	.30	.23	.21
80-R46KI24700001K1	R46KI24700001K1	X2	B	.047	275	10%	18.0	11.0	5.0	.33	.25	.23
80-R46KI310000M1K1	R46KI310000M1K1	X2	B	0.1	275	10%	18.0	11.0	5.0	.30	.23	.21
80-R46KI322000M2M	R46KI322000M2M	X2	B	.22	275	20%	18.0	13.5	7.5	.45	.32	.27
80-R46KI333000N1M	R46KI333000N1M	X2	B	.33	275	20%	18.0	13.5	7.5	.47	.354	.265
80-R46KI333000M1M	R46KI333000M1M	X2	B	.33	275	20%	18.0	16.0	10.0	.35	.32	.265
80-R46KI347000N0M	R46KI347000N0M	X2	B	.47	275	20%	18.0	16.0	10.0	.46	.436	.356
80-R46KN322000M1M	R46KN322000M1M	X2	B	.22	275	20%	26.5	15.0	6.0	.36	.272	.256
80-R46KN347000N0M	R46KN347000N0M	X2	B	.47	275	20%	26.5	16.0	7.0	.55	.44	.38
80-R46KN347000M1K	R46KN347000M1K	X2	B	.47	275	10%	18.0	19.0	11.0	.48	.37	.26
80-R46KN410000N2M	R46KN410000N2M	X2	B	1	275	20%	26.5	18.5	10.0	.79	.75	.51
80-R46KR410000M1K	R46KR410000M1K	X2	B	1	275	10%	32.0	20.0	11.0	.96	.80	.73
80-R46KR415000M1K	R46KR415000M1K	X2	B	1.5	275	10%	32.0	22.0	13.0	1.21	.91	.678
80-R46KR422000M2K	R46KR422000M2K	X2	B	2.2	275	10%	32.0	25.0	13.0	1.58	1.46	1.33
80-R46KR422050M1M	R46KR422050M1M	X2	B	2.205	275	20%	32.0	28.0	14.0	1.50	1.30	1.10
300 Volts												
80-R413F11000000M	R413F11000000M	Y2	B	.001	300	20%	13.0	9.0	4.0	.28	.20	.16
80-R413F12200000M	R413F12200000M	Y2	B	.0022	300	20%	13.0	9.0	4.0	.28	.20	.16
80-R413F13300000M	R413F13300000M	Y2	B	.0033	300	20%	13.0	11.0	5.0	.28	.20	.16
80-R413F147000M1M	R413F147000M1M	Y2	B	.0047	300	20%	13.0	11.0	5.0	.28	.20	.15
80-R413I21000000M	R413I21000000M	Y2	B	.01	300	20%	13.0	11.0	5.0	.61	.469	.39
80-R413I22200000M	R413I22200000M	Y2	B	.022	300	20%	18.0	13.5	7.5	.48	.35	.271

ARCOTRONICS SMD LDE SERIES PEN FILM CAPACITORS

Features:

- Excellent stability vs. temperature, frequency & time
- Typical failure mode at the end of life: open circuit
- High reliability
- No piezoelectric effect
- No cracking
- Self-healing
- Non-encapsulated construction
- Stacked technology
- Operating temperature range: -55 to +125°C
- Aluminum layer deposited by evaporation under vacuum
- Low ESR (Equivalent Series Resistance)
- Anti-static
- Reels are packed in hermetically sealed Moisture Barrier
- PEN= Polyethylene Naphtalate



RoHS Compliant

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Arcotronics Part Number	Dielectric Code	Value (µF)	Voltage	Tolerance	Dimensions: mm			Price Each			
						L	W	H	1	50	100	500
80-LDEC3100KA0N00	LDEC3100KA0N00	PEN	0.1	50	10%	3.2	2.5	2.1	.55	.528	.457	.352
80-LDEC3470KA5N00	LDEC3470KA5N00	PEN	.47	50	10%	5.7	5.1	2.4	.82	.769	.539	.499
80-LDEC4100KA0N00	LDEC4100KA0N00	PEN	1	50	10%	5.7	5.1	4.4	1.42	1.01	.883	.764
80-LDEC3100KA5N00	LDEC3100KA5N00	PEN	0.1	63	10%	4.5	3.2	2.4	.54	.52	.46	.36
80-LDEC3100KA5N00	LDEC3100KA5N00	PEN	0.1	100	10%	4.5	3.2	2.4	.54	.52	.46	.36
80-LDEID3100KA0N00	LDEID3100KA0N00	PEN	0.1	250	10%	5.7	5.1	4.1	.82	.77	.667	.513
80-LDEPD2100KA5N00	LDEPD2100KA5N00	PEN	0.1	630	10%	5.7	5.1	3.0	.80	.75	.647	.497

