

Metallized Film Capacitors, Axial Leaded



RoHS Compliant This product is RoHS compliant.

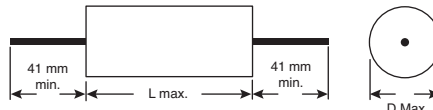
DIMENSIONS: in.

CDE CORNELL DUBILIER 940C POLYPROPYLENE FILM SERIES

The 940C round, axial film capacitors use polypropylene film and dual metallized electrodes for both self healing properties and high peak current carrying capability (dV/dt). This series features low ESR characteristics, excellent high frequency and high voltage capabilities.

Specifications:

- Voltage range: 1000 Vdc to 3000 Vdc
- Capacitance range: .01µF to 2µF
- Operating temperature: -55°C to +105°C
- Capacitance tolerance: ± 10%



For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (µF)	Dimensions: mm D x L	ESR mΩ (typical)	ESL (nH)	dV/dt V/µs	I peak (A)	IRMS (A)	Price Each						
									1	10	25	50	100		
1000 VDC (500 VAC)															
5984-940C10P15K-F	940C10P15K-F	.15	15.0 x 34	7	22	856	128	6.7	2.56	2.05	1.74	1.70	1.60		
5984-940C10P22K-F	940C10P22K-F	.22	17.5 x 34	7	23	856	188	7.4	2.45	2.36	2.18	2.06	1.90		
5984-940C10P33K-F	940C10P33K-F	.33	20.5 x 34	6	24	856	283	8.8	3.19	3.08	2.86	2.69	2.48		
5984-940C10P47K-F	940C10P47K-F	.47	24.0 x 34	5	26	856	856	10.6	5.08	4.06	3.45	3.37	3.17		
5984-940C10P68K-F	940C10P68K-F	.68	28.0 x 34	5	27	856	582	11.7	5.21	5.02	4.65	4.38	4.04		
5984-940C10W1K-F	940C10W1K-F	1	26.0 x 46	5	32	480	480	12.5	5.95	5.74	5.32	5.01	4.62		
5984-940C10W2K-F	940C10W2K-F	2	35.5 x 46	3	36	480	960	19.6	10.44	10.07	9.34	8.78	8.11		
1200 VDC (500 VAC)															
5984-940C12P1K-F	940C12P1K-F	.10	15.5 x 34	9	22	1142	114	6.1	2.02	1.94	1.81	1.69	1.56		
5984-940C12P22K-F	940C12P22K-F	.22	21.5 x 34	7	24	1142	251	8.4	3.08	2.97	2.75	2.58	2.39		
5984-940C12P47K-F	940C12P47K-F	.47	23.0 x 46	7	30	640	301	9.8	4.43	4.27	3.96	3.73	3.43		
5984-940C12W1K-F	940C12W1K-F	1	33.0 x 46	5	35	640	640	14.5	7.79	7.52	6.96	6.55	6.05		
1600 VDC (630 VAC)															
5984-940C16P1K-F	940C16P1K-F	.10	18.0 x 34	7	23	1427	143	7.5	2.47	2.38	2.22	2.08	1.92		
5984-940C16P15K-F	940C16P15K-F	.15	21.5 x 34	5	24	1427	214	9.9	2.99	2.89	2.68	2.52	2.32		
5984-940C16P33K-F	940C16P33K-F	.33	23.5 x 46	7	31	800	264	10.0	4.34	4.19	3.88	3.65	3.37		
5984-940C16P47K-F	940C16P47K-F	.47	27.5 x 46	6	32	800	376	11.8	5.52	5.32	4.94	4.64	4.28		
5984-940C16W1K-F	940C16W1K-F	1	39.0 x 46	5	37	800	800	16.2	10.09	9.73	9.02	8.48	7.83		
5984-940C16W1P5K-F	940C16W1P5K-F	1.5	42.0 x 54	4	42	628	942	20.1	13.31	12.84	11.91	11.19	10.33		
2000 VDC (630 VAC)															
5984-940C20S47K-F	940C20S47K-F	.047	15.0 x 34	12	22	1712	80	5.2	1.90	1.83	1.70	1.60	1.47		
5984-940C20P1K-F	940C20P1K-F	.10	21.0 x 34	7	24	1712	171	8.3	3.37	3.27	2.29	2.24	2.10		
5984-940C20P22K-F	940C20P22K-F	.22	22.0 x 46	8	30	960	211	9.0	3.74	3.60	3.34	3.14	2.90		
5984-940C20P33K-F	940C20P33K-F	.33	27.0 x 46	8	32	960	317	10.1	5.06	4.88	4.53	4.25	3.93		
5984-940C20P47K-F	940C20P47K-F	.47	32.0 x 46	6	34	960	451	13.0	6.70	6.46	5.99	5.64	5.20		
5984-940C20P56K-F	940C20P56K-F	.56	31.0 x 54	7	37	754	422	12.6	7.28	7.02	6.51	6.12	5.65		
5984-940C20W1K-F	940C20W1K-F	1	41.0 x 54	5	42	754	754	17.7	11.59	11.18	10.36	9.74	9.00		
3000 VDC (750 VAC)															
5984-940C30S1K-F	940C30S1K-F	.010	11.5 x 34	60	20	2568	26	2.0	1.52	1.47	1.37	1.28	1.19		
5984-940C30S47K-F	940C30S47K-F	.047	16.5 x 46	14	28	1440	68	5.7	2.22	2.13	1.97	1.86	1.72		
5984-940C30P1K-F	940C30P1K-F	.10	22.5 x 46	10	30	1440	144	8.1	3.44	3.33	3.09	2.90	2.68		

Film Capacitors

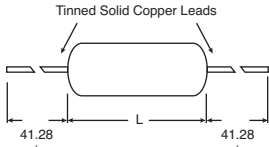
Cornell Dubilier

CDE CORNELL DUBILIER 935 METALLIZED POLYPROPYLENE SERIES

Designed for 20 - 100K Hz switching power supply input filtering, DC blocking and output filter applications where high current, high capacitance, and low ESR values are important. Dry sections are sealed with flame-retardant outer wrap and epoxy end seals for moisture resistance. This non-protected film capacitor has Underwriters Laboratories, Inc., recognition for construction only. U.L. File Number assigned is E128034(N)

Specifications

- Tolerance: ±10%
- Temperature range: -55°C to 105°C
- Voltage range: 100, 200, and 400VDC
- Maximum DF (1K Hz, +25°C): 0.1%
- Capacitance range: 1-30µF
- Dielectric strength: 200%
- Insulation resistance: 200,000MΩ x µF
- Life test: 1,000 hrs. at 85°C @ 125% rated voltage



DIMENSIONS: mm



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	CDE Part No.	Value (µF)	Dimensions: mm		Price Each			
			D	L	1	25	50	100
100 VDC (70 VAC)								
5984-100V1-F	935C1W1K-F	1	11.9	19.0	7.24	5.27	4.87	4.34
5984-100V2-F	935C1W2K-F	2	13.6	23.8	7.64	5.56	4.72	4.59
5984-100V3-F	935C1W3K-F	3	13.6	23.8	8.10	6.07	5.48	4.86
5984-100V5-F	935C1W5K-F	5	16.3	31.7	8.53	6.82	5.80	5.64
5984-100V10-F	935C1W10K-F	10	20.4	38.1	16.62	13.87	12.46	11.12
5984-100V20-F	935C1W20K-F	20	22.2	57.1	18.75	15.62	14.07	12.51
200 VDC (140 VAC)								
5984-200V1-F	935C2W1K-F	1	11.4	31.7	4.83	3.86	3.28	3.19
5984-200V2-F	935C2W2K-F	2	15.4	31.7	5.40	4.32	3.67	3.59
5984-200V3-F	935C2W3K-F	3	16.6	38.1	6.44	5.37	4.83	4.28
5984-200V10-F	935C2W10K-F	10	23.0	57.1	11.70	9.76	8.81	7.87
400 VDC (275 VAC)								
5984-400V1-F	935C4W1K-F	1	15.7	38.1	6.07	4.86	4.13	4.01
5984-400V2-F	935C4W2K-F	2	20.4	44.4	6.86	5.48	4.66	4.52
5984-400V3-F	935C4W3K-F	3	24.4	44.4	9.69	7.75	6.59	6.43
5984-400V5-F	935C4W5K-F	5	27.1	57.1	11.85	9.48	8.05	7.87

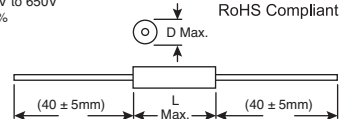
MALLOY 150 SERIES AXIAL METALLIZED POLYESTER FILM CAPACITOR

Cornell Dubilier Electronics, Inc.

Excellent choice for general purpose applications such as blocking, bypass, decoupling, smoothing and some timing, energy storage/discharge and arc suppression.



- Low leakage
- Non-Polar
- Non inductively wound
- Epoxy end fill meets UL94V-0
- Flame retardant Polyester wrap meets UL510
- Operating temperature: -55°C to +125°C
- Capacitance range: .01µF to 2.2µF
- Voltage range: 63V to 650V
- Tolerance: 5%, 10%



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Malloy Part No.	Value (µF)	Tol. ±	Dimen.: mm D x L	Price Each			
					1	50	100	500
100VDC (220VAC)								
539-150224J100CB	150224J100CB	0.22	5%	6.5 x 16.5	.58	.54	.45	.40
539-150334J100EB	150334J100EB	0.33	5%	8 x 16	.55	.50	.42	.38
539-150684J100FC	150684J100FC	0.68	5%	8.5 X 20.5	.74	.66	.56	.51
539-150105J100C	150105J100C	1	5%	10 X 20.5	1.00	.91	.77	.69
539-150225K100LE	150225K100LE	2.2	10%	11.5 x 28	2.17	1.57	1.34	1.30
250 VDC (160 VAC)								
539-150104J250CB	150104J250CB	0.1	5%	6.5 x 16.5	.56	.49	.43	.38
539-150224J250FB	150224J250FB	0.22	5%	8.5 x 16.5	.62	.57	.48	.43
539-150334J250FC	150334J250FC	0.33	5%	8.5 x 20.5	.67	.62	.52	.46
539-150474J250HC	150474J250HC	0.47	5%	9.5 x 20.5	.73	.66	.56	.51
539-150474K250HC	150474K250HC	0.47	10%	9.5 x 20.5	.69	.63	.54	.47
539-150105J250JE	150105J250JE	1	5%	10.5 x 28	.97	.88	.75	.66
539-150105K250JE	150105K250JE	1	10%	10.5 x 28	.91	.83	.70	.63
539-150225K250PF	150225K250PF	2.2	10%	13.5 x 33	2.60	2.39	2.07	1.84
400 VDC (200 VAC)								
539-150223K400BB	150223K400BB	0.022	10%	6 x 16.5	.54	.48	.42	.35
539-150473J400DB	150473J400DB	0.047	5%	7 x 16.5	.52	.47	.40	.37
539-150400V.047K	150473K400DB	0.047	10%	7 x 16.5	.56	.51	.44	.39
539-150104J400EC	150104J400EC	0.1	5%	8 x 20.5	.62	.56	.47	.42
539-150104K400EC	150104K400EC	0.1	10%	8 x 20.5	.55	.50	.42	.37
539-150224J400FE	150224J400FE	0.22	5%	8.5 x 20.5	.78	.72	.61	.54
539-150334J400IE	150334J400IE	0.33	5%	10 x 28	.79	.72	.61	.54
539-150474J400LF	150474J400LF	0.47	5%	11.5 x 33	.93	.84	.72	.63
630 VDC (220 VAC)								
539-150103J630BB	150103J630BB	0.01	5%	6 x 16.5	.54	.48	.42	.36
539-150103K630BB	150103K630BB	0.01	10%	6 x 16.5	.54	.48	.42	.37
539-150223J630DB	150223J630DB	0.022	5%	7 x 16.5	.59	.55	.46	.42
539-150473J630EC	150473J630EC	0.047	5%	8 x 20.5	.65	.59	.51	.45
539-150104J630FE	150104J630FE	0.1	5%	8.5 x 28	1.01	.91	.77	.69
539-150224J630LE	150224J630LE	0.22	5%	11.5 x 28	1.53	1.41	1.22	1.08
539-150474K630RF	150474K630RF	0.47	10%	15 x 33	2.68	2.48	2.13	1.89
539-150105K630YF	150105K630YF	1	10%	20.5 x 33	7.91	7.27	6.32	5.59

