

Type 950 Metallized Polypropylene Film Capacitors

AC Rated, Round, Axial Leaded

Motor Run, HID Lighting

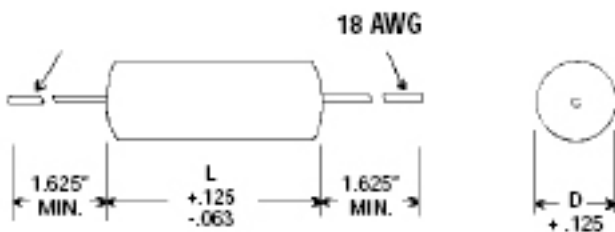


Type 950 axial-leaded, metallized polypropylene capacitors with high capacitance values are ideal for high intensity discharge lighting and motor run applications. Flame retardant outer wrap and epoxy end seals provide moisture resistance. Type 950 features operating temperatures to 90°C without derating and very low ESR characteristics. This non-protected film capacitor has Underwriters Laboratories, Inc. recognition for construction only under U.L. File Number E128034(N).

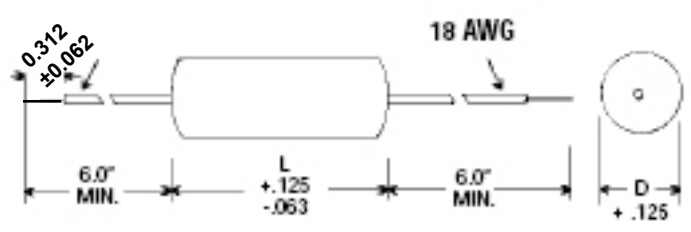
Specifications

Capacitance Range:	5 μ F to 150 μ F
Voltage Range:	250 Vac, 50/60 Hz
Capacitance Tolerance:	$\pm 10\%$ (K) standard $\pm 6\%$ (H) optional
Operating Temperature Range:	-55 °C to +90 °C
Dielectric Strenght:	160% rated voltage for 1 minute
Dissipation Factor (DF):	.15% Max. @ 120 Hz
Insulation Resistance (IR):	100,000 M Ω x μ F
Life Test:	1,000 hours at 90 °C at 125% rated voltage

SOLID LEADS #18 AWG (.040 DIA.)



FLEXIBLE LEADS #18 AWG (.040 DIA.)



Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

Type 950 Metallized Polypropylene Film Capacitors

Ratings

Cap.	Catalog Part Number	Catalog Part Number	D	L	dV/dt
(μ F)	Solid Leads	Flexible Leads	(inches)(mm)	(inches)(mm)	(V/ μ s)
250 Vac					
5.0	950CQW5K-F	950FQW5K-F	0.906(23.0)	1.752(44.5)	9
7.0	950CQW7K-F	950FQW7K-F	1.035(26.3)	1.755(44.5)	9
8.0	950CQW8K-F	950FQW8K-F	1.094(27.8)	1.752(44.5)	9
10.0	950CQW10K-F	950FQW10K-F	0.996(25.3)	2.500(63.5)	6
12.0	950CQW12K-F	950FQW12K-F	1.075(27.3)	2.500(63.5)	6
13.0	950CQW13K-F	950FQW13K-F	1.110(28.2)	2.500(63.5)	6
14.0	950CQW14K-F	950FQW14K-F	1.146(29.1)	2.500(63.5)	6
15.0	950CQW15K-F	950FQW15K-F	1.181(30.0)	2.500(63.5)	6
16.0	950CQW16K-F	950FQW16K-F	1.213(30.8)	2.500(63.5)	6
17.0	950CQW17K-F	950FQW17K-F	1.248(31.7)	2.500(63.5)	6
17.5	950CQW17P5K-F	950FQW17P5K-F	1.264(32.1)	2.500(63.5)	6
20.0	950CQW20K-F	950FQW20K-F	1.339(34.0)	2.500(63.5)	6
22.5	950CQW22P5K-F	950FQW22P5K-F	1.413(35.9)	2.500(63.5)	6
24.0	950CQW24K-F	950FQW24K-F	1.457(37.0)	2.500(63.5)	6
26.0	950CQW26K-F	950FQW26K-F	1.508(38.3)	2.500(63.5)	6
28.0	950CQW28K-F	950FQW28K-F	1.559(39.6)	2.500(63.5)	6
30.0	950CQW30K-F	950FQW30K-F	1.610(40.9)	2.500(63.5)	6
32.0	950CQW32K-F	950FQW32K-F	1.575(40.0)	2.894(73.5)	6
34.0	950CQW34K-F	950FQW34K-F	1.614(41.0)	2.894(73.5)	6
35.0	950CQW35K-F	950FQW35K-F	1.654(42.0)	2.894(73.5)	6
36.0	950CQW36K-F	950FQW36K-F	1.693(43.0)	2.894(73.5)	6
40.0	950CQW40K-F	950FQW40K-F	1.713(43.5)	2.894(73.5)	6
42.0	950CQW42K-F	950FQW42K-F	1.752(44.5)	2.894(73.5)	6
45.0	950CQW45K-F	950FQW45K-F	1.811(46.0)	2.894(73.5)	6
48.0	950CQW48K-F	950FQW48K-F	1.850(47.0)	2.894(73.5)	6
50.0	950CQW50K-F	950FQW50K-F	1.890(48.0)	2.894(73.5)	6

RoHS Compliant

Cap.	Catalog Part Number	Catalog Part Number	D	L	dV/dt
(μ F)	Solid Leads	Flexible Leads	(inches)(mm)	(inches)(mm)	(V/ μ s)
250 Vac					
52.0	950CQW52K-F	950FQW52K-F	1.969(50.0)	2.894(73.5)	6
55.0	950CQW55K-F	950FQW55K-F	2.008(51.0)	2.894(73.5)	6
56.0	950CQW56K-F	950FQW56K-F	2.028(51.5)	2.894(73.5)	6
60.0	950CQW60K-F	950FQW60K-F	1.890(48.0)	3.386(86.0)	5
65.0	950CQW65K-F	950FQW65K-F	1.929(49.0)	3.386(86.0)	5
68.0	950CQW68K-F	950FQW68K-F	2.008(51.0)	3.386(86.0)	5
70.0	950CQW70K-F	950FQW70K-F	2.047(52.0)	3.386(86.0)	5
72.0	950CQW72K-F	950FQW72K-F	2.087(53.0)	3.386(86.0)	5
75.0	950CQW75K-F	950FQW75K-F	2.126(54.0)	3.386(86.0)	5
78.0	950CQW78K-F	950FQW78K-F	2.146(54.5)	3.386(86.0)	5
80.0	950CQW80K-F	950FQW80K-F	2.165(55.0)	3.386(86.0)	5
82.0	950CQW82K-F	950FQW82K-F	2.185(55.5)	3.386(86.0)	5
85.0	950CQW85K-F	950FQW85K-F	2.224(56.5)	3.386(86.0)	5
90.0	950CQW90K-F	950FQW90K-F	1.969(50.0)	4.409(112.0)	4
92.0	950CQW92K-F	950FQW92K-F	2.008(51.0)	4.409(112.0)	4
95.0	950CQW95K-F	950FQW95K-F	2.047(52.0)	4.409(112.0)	4
100.0	950CQW100K-F	950FQW100K-F	2.087(53.0)	4.409(112.0)	4
105.0	950CQW105K-F	950FQW105K-F	2.126(54.0)	4.409(112.0)	4
110.0	950CQW110K-F	950FQW110K-F	2.185(55.5)	4.409(112.0)	4
115.0	950CQW115K-F	950FQW115K-F	2.224(56.5)	4.409(112.0)	4
120.0	950CQW120K-F	950FQW120K-F	2.283(58.0)	4.409(112.0)	4
125.0	950CQW125K-F	950FQW125K-F	2.323(59.0)	4.409(112.0)	4
130.0	950CQW130K-F	950FQW130K-F	2.362(60.0)	4.409(112.0)	4
135.0	950CQW135K-F	950FQW135K-F	2.362(60.0)	4.409(112.0)	4
140.0	950CQW140K-F	950FQW140K-F	2.362(60.0)	4.409(112.0)	4
145.0	950CQW145K-F	950FQW145K-F	2.362(60.0)	4.409(112.0)	4
150.0	950CQW150K-F	950FQW150K-F	2.402(61.0)	4.409(112.0)	4

Other capacitance values, sizes and performance specifications are available. Contact us.

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