

# Type 950 Metallized Polypropylene Film Capacitors

AC Rated, Round, Axial Ledded

Motor Run, HID Lighting



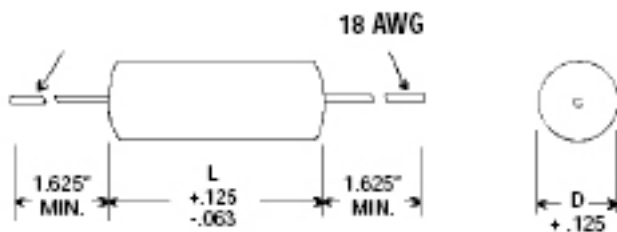
Type 950 axial-leaded, metallized polypropylene capacitors with high capacitance values are ideal for high intensity discharge lighting and motor run applications. Flame retardant outer wrap and epoxy end seals provide moisture resistance. Type 950 features operating temperatures to 90°C without derating 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

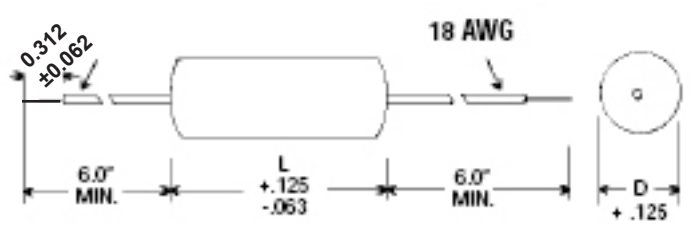
RoHS Compliant

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

SOLID LEADS #18 AWG (.040 DIA.)



FLEXIBLE LEADS #18 AWG (.040 DIA.)



# Type 950 Metallized Polypropylene Film Capacitors

## Ratings

## RoHS Compliant

Cap. ( $\mu$ F)	Catalog Part Number Solid Leads	Catalog Part Number Flexible Leads	D (inches)(mm)	L (inches)(mm)	dV/dt (V/ $\mu$ s)
<b>250 Vac</b>					
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

Cap. ( $\mu$ F)	Catalog Part Number Solid Leads	Catalog Part Number Flexible Leads	D (inches)(mm)	L (inches)(mm)	dV/dt (V/ $\mu$ s)
<b>250 Vac</b>					
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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