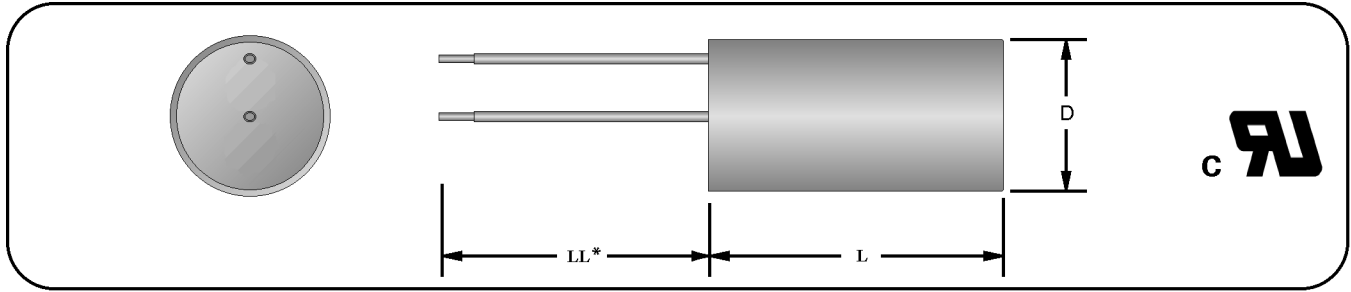


\*LL – SEE PAGE 4 FOR LEAD LENGTHS UNDER (LEAD MATERIAL)

240VAC		
CAP ( $\mu$ F)	D $\pm .063$ " (MM)	L $\pm .063$ " (MM)
14.0	1.20" (30mm)	2.70" (68mm)
15.0	1.60" (40mm)	2.70" (68mm)
17.5	1.60" (40mm)	2.70" (68mm)
20.0	1.60" (40mm)	2.70" (68mm)
22.5	1.60" (40mm)	2.70" (68mm)
28.0	1.60" (40mm)	2.70" (68mm)
30.0	1.60" (40mm)	2.70" (68mm)
34.0	1.60" (40mm)	3.60" (92mm)
35.0	1.60" (40mm)	3.60" (92mm)

240VAC		
CAP ( $\mu$ F)	D $\pm .063$ " (MM)	L $\pm .063$ " (MM)
36.0	1.60" (40mm)	3.60" (92mm)
40.0	1.60" (40mm)	3.60" (92mm)
45.0	1.60" (40mm)	3.60" (92mm)
48.0	1.80" (45mm)	3.60" (92mm)
52.0	1.80" (45mm)	3.60" (92mm)
55.0	1.80" (45mm)	3.60" (92mm)
56.0	1.80" (45mm)	3.60" (92mm)
62.0	1.80" (45mm)	3.60" (92mm)

\*\*\* WARNING, THIS PRODUCT IS NOT PROTECTED, IT IS THE USER RESPONSIBILITY TO PROVIDE CIRCUIT PROTECTION. FAILURE TO DO SO COULD RESULT IN FIRE\*\*\*

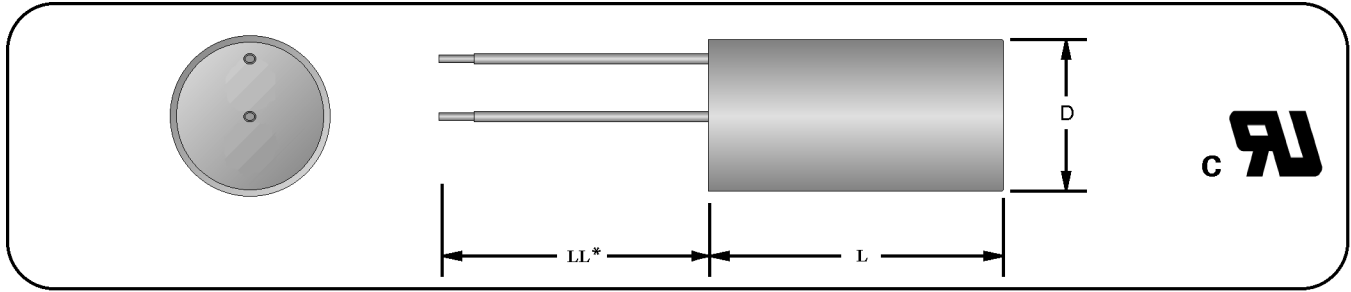


\*LL - SEE PAGE 4 FOR LEAD LENGTHS UNDER (LEAD MATERIAL)

280VAC		
CAP ( $\mu$ F)	D $\pm .063$ " (MM)	L $\pm .063$ " (MM)
5.0	1.20" (30mm)	2.20" (55mm)
6.0	1.20" (30mm)	2.20" (55mm)
7.0	1.20" (30mm)	2.70" (68mm)
8.0	1.20" (30mm)	2.70" (68mm)
10.0	1.20" (30mm)	2.70" (68mm)
12.0	1.60" (40mm)	2.70" (68mm)
13.0	1.60" (40mm)	2.70" (68mm)
14.0	1.60" (40mm)	2.70" (68mm)
16.0	1.60" (40mm)	2.70" (68mm)
17.5	1.60" (40mm)	2.70" (68mm)
18.5	1.60" (40mm)	2.70" (68mm)
20.0	1.60" (40mm)	2.70" (68mm)
21.0	1.60" (40mm)	2.70" (68mm)
22.0	1.60" (40mm)	3.60" (92mm)

280VAC		
CAP ( $\mu$ F)	D $\pm .063$ " (MM)	L $\pm .063$ " (MM)
22.5	1.60" (40mm)	3.60" (92mm)
24.0	1.60" (40mm)	3.60" (92mm)
24.5	1.60" (40mm)	3.60" (92mm)
25.0	1.60" (40mm)	3.60" (92mm)
26.0	1.60" (40mm)	3.60" (92mm)
28.0	1.60" (40mm)	3.60" (92mm)
30.0	1.60" (40mm)	3.60" (92mm)
32.0	1.60" (40mm)	3.60" (92mm)
35.0	1.80" (45mm)	3.60" (92mm)
40.0	1.80" (45mm)	3.60" (92mm)
45.0	1.80" (45mm)	4.60" (117mm)
48.0	1.80" (45mm)	4.60" (117mm)
55.0	1.80" (45mm)	4.60" (117mm)
56.0	1.80" (45mm)	4.60" (117mm)

\*\*\* WARNING, THIS PRODUCT IS NOT PROTECTED, IT IS THE USER RESPONSIBILITY TO PROVIDE CIRCUIT PROTECTION. FAILURE TO DO SO COULD RESULT IN FIRE\*\*\*



\*LL - SEE PAGE 4 FOR LEAD LENGTHS UNDER (LEAD MATERIAL)

330VAC		
CAP ( $\mu$ F)	D $\pm .063$ " (MM)	L $\pm .063$ " (MM)
5.0	1.20" (30mm)	2.20" (55mm)
7.0	1.20" (30mm)	2.70" (68mm)
10.0	1.60" (40mm)	2.70" (68mm)
12.0	1.60" (40mm)	2.70" (68mm)
13.0	1.60" (40mm)	2.70" (68mm)
15.0	1.60" (40mm)	2.70" (68mm)
16.0	1.60" (40mm)	3.60" (92mm)
17.5	1.60" (40mm)	3.60" (92mm)
18.5	1.60" (40mm)	3.60" (92mm)
20.0	1.60" (40mm)	3.60" (92mm)
24.5	1.80" (45mm)	3.60" (92mm)
26.0	1.80" (45mm)	3.60" (92mm)
28.0	1.80" (45mm)	3.60" (92mm)

400VAC		
CAP ( $\mu$ F)	D $\pm .063$ " (MM)	L $\pm .063$ " (MM)
10.0	1.60" (40mm)	2.70" (68mm)
12.0	1.60" (40mm)	3.60" (92mm)
15.0	1.60" (40mm)	3.60" (92mm)
18.0	1.60" (40mm)	3.60" (92mm)
20.0	1.60" (40mm)	3.60" (92mm)
20.5	1.80" (45mm)	3.60" (92mm)
24.0	1.80" (45mm)	3.60" (92mm)
30.0	1.80" (45mm)	4.60" (117mm)

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## GENERAL SPECIFICATIONS

### PHYSICAL CHARACTERISTICS

**CONSTRUCTION:** NON-INDUCTIVE WOUND METALLIZED POLYPROPYLENE.

**CASE:** ROUND THERMOPLASTIC CASE (UL94 V-0) WITH EPOXY FILL.

**LEAD MATERIAL:** 18 AWG STRANDED WIRE LEADS. 8 INCH STANDARD (LL), OTHER LEAD LENGTHS AVAILABLE UPON REQUEST. UL RECOGNIZED WIRE TO 150C AND 600V. SEE TYPE X391T FOR TERMINAL VERSION, OR CONSULT FACTORY FOR OTHER OPTIONS.

**DIMENSIONS:** AS SPECIFIED IN TABLES.

### ELECTRICAL CHARACTERISTICS

**CAPACITANCE:** AS SPECIFIED IN TABLES  $\pm$  REQUESTED TOLERANCE WHEN MEASURED AT OR REFERRED TO  $120 \pm 5$  HZ AND  $25 \pm 5$  °C. OTHER CAPACITANCE VALUES ARE AVAILABLE UPON REQUEST.

**TOLERANCE:**  $\pm 3\%$ ,  $\pm 5\%$ ,  $\pm 6\%$ , AND  $\pm 10\%$  AVAILABLE. OTHER TOLERANCES ARE AVAILABLE UPON REQUEST.

**DISSIPATION FACTOR:** SHALL NOT BE GREATER THAN 0.1% WHEN MEASURED AT OR REFERRED TO  $120 \pm 5$  HZ AND  $25 \pm 5$  °C.

**DIELECTRIC STRENGTH:** LEAD TO LEAD - 180% OF RATED AC VOLTAGE OR DC EQUIVALENT FOR 1 -3 SECONDS AT  $25 \pm 5$  °C. TERMINAL TO CASE (T-C) TEST VOLTAGE IS 3000VAC FOR 1-3 SECONDS.

**RATED VOLTAGE:** 240VAC, 280VAC, 330VAC, AND 400VAC AVAILABLE. ALL RATINGS ARE FOR 50/60 HZ OPERATION ONLY. FOR OTHER VOLTAGE RATINGS CONSULT FACTORY.

**TEMPERATURE:** -40 °C TO +100 °C MAXIMUM, AT FULL RATED VOLTAGE.  
100 °C MAXIMUM STORAGE TEMPERATURE  
LOWER OPERATING TEMPERATURE WILL SIGNIFICANTLY IMPROVE LIFE OF CAPACITOR.

### ADDITIONAL INFORMATION

**ORDERING INFORMATION:** ALL ASC CAPACITORS ARE ORDERED BY "FAMILY CAP-TOL-VOLT" DESIGNATION. (I.E. TO ORDER AN X391L 20.0 $\mu$ F,  $\pm 10\%$ , 400VAC CAPACITOR, REQUEST PART NUMBER "X391L 20-10-400")

**SEE ALSO:** "GENERAL INFORMATION - POLYPROPYLENE CAPACITORS" DOCUMENT FOR ADDITIONAL PHYSICAL, ELECTRICAL, AND PERFORMANCE CHARACTERISTICS NOT MENTIONED IN THIS FILE.

**AGENCY APPROVALS:**  
UL CONSTRUCTION ONLY FILE # E190772

**WARNING:** INFORMATION ON THIS FILE IS SUBJECT TO CHANGE WITHOUT NOTICE AT ASC'S DISCRETION.

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