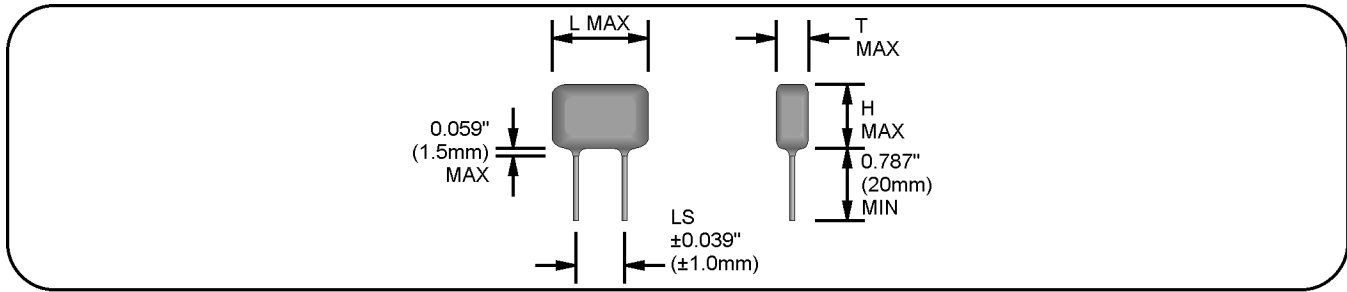


63VDC				
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)
0.047	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.056	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.068	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.082	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.10	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.15*	0.157" (4.0mm)	0.315" (8.0mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.15*	0.157" (4.0mm)	0.315" (8.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.18*	0.177" (4.5mm)	0.335" (8.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.18*	0.157" (4.0mm)	0.315" (8.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.22*	0.177" (4.5mm)	0.335" (8.5mm)	0.295" (7.5mm)	0.197" (5.0mm)

63VDC				
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)
0.22*	0.157" (4.0mm)	0.315" (8.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.33*	0.217" (5.5mm)	0.374" (9.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.33*	0.197" (5.0mm)	0.354" (9.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.47*	0.236" (6.0mm)	0.453" (11.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.47*	0.217" (5.5mm)	0.374" (9.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.56*	0.217" (5.5mm)	0.394" (10.0mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.56*	0.217" (5.5mm)	0.374" (9.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.68	0.217" (5.5mm)	0.394" (10.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.82	0.217" (5.5mm)	0.394" (10.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
1.0	0.217" (5.5mm)	0.394" (10.0mm)	0.413" (10.5mm)	0.295" (7.5mm)

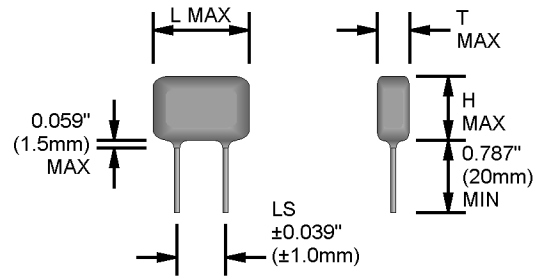
\* THESE ITEMS ARE AVAILABLE WITH VARIOUS LEAD SPACINGS. PLEASE INDICATE LEAD SPACING WHEN ORDERING. SEE "ORDERING INFORMATION" ON PAGE 4 FOR MORE INFORMATION



100VDC				
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)
0.010	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.015	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.018	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.022	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.033	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.047*	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.047*	0.157" (4.0mm)	0.315" (8.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.056*	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.056*	0.157" (4.0mm)	0.315" (8.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.068*	0.138" (3.5mm)	0.295" (7.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.068*	0.157" (4.0mm)	0.315" (8.0mm)	0.413" (10.5mm)	0.295" (7.5mm)

100VDC				
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)
0.082*	0.157" (4.0mm)	0.315" (8.0mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.082*	0.157" (4.0mm)	0.315" (8.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.10*	0.177" (4.5mm)	0.335" (8.5mm)	0.295" (7.5mm)	0.197" (5.0mm)
0.10*	0.197" (5.0mm)	0.335" (8.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.15	0.197" (5.0mm)	0.374" (9.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.18	0.217" (5.5mm)	0.374" (9.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.22	0.217" (5.5mm)	0.394" (10.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.33	0.236" (6.0mm)	0.413" (10.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.47	0.236" (6.0mm)	0.413" (10.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.56	0.236" (6.0mm)	0.413" (10.5mm)	0.413" (10.5mm)	0.295" (7.5mm)

\* THESE ITEMS ARE AVAILABLE WITH VARIOUS LEAD SPACINGS. PLEASE INDICATE LEAD SPACING WHEN ORDERING. SEE "ORDERING INFORMATION" ON PAGE 4 FOR MORE INFORMATION



250VDC				
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)
0.022	0.177" (4.5mm)	0.335" (8.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.033	0.197" (5.0mm)	0.335" (8.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.047	0.197" (5.0mm)	0.335" (8.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.056	0.197" (5.0mm)	0.335" (8.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.068	0.197" (5.0mm)	0.335" (8.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.082	0.217" (5.5mm)	0.374" (9.5mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.10	0.236" (6.0mm)	0.394" (10.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.15	0.256" (6.5mm)	0.413" (10.5mm)	0.413" (10.5mm)	0.295" (7.5mm)

\* THESE ITEMS ARE AVAILABLE WITH VARIOUS LEAD SPACINGS.  
PLEASE INDICATE LEAD SPACING WHEN ORDERING. SEE  
"ORDERING INFORMATION" ON PAGE 4 FOR MORE INFORMATION

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web: www.ascapacitor.com

**GENERAL SPECIFICATIONS****PHYSICAL CHARACTERISTICS**

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

**CASE:** EPOXY DIPPED CASE.

**LEAD MATERIAL:** SOLDER COATED OR TINNED SOLID 22 AWG WIRE.

**DIMENSIONS:** AS SPECIFIED IN TABLES

**ELECTRICAL CHARACTERISTICS**

**CAPACITANCE:** AS SPECIFIED IN TABLES  $\pm$  REQUESTED TOLERANCE WHEN MEASURED AT OR REFERRED TO 1000  $\pm$  20 HZ AND 25  $\pm$  5 °C.

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

**DISSIPATION FACTOR:** SHALL NOT BE GREATER THAN 1.0% WHEN MEASURED AT OR REFERRED TO 1000  $\pm$  20 HZ AND 25  $\pm$  5 °C.

**INSULATION RESISTANCE:** SHALL BE GREATER THAN 4500 M $\Omega$  FOR CAPACITANCE VALUES 0.33  $\mu$ F AND LESS OR 1500 M $\Omega$  x  $\mu$ F FOR CAPACITANCE VALUES GREATER THAN 0.33  $\mu$ F WHEN MEASURED AFTER 1 MINUTE ELECTRIFICATION AT 100VDC OR RATED VOLTAGE, WHICHEVER IS LESS, AND 25  $\pm$  5 °C.

**DIELECTRIC STRENGTH:** 160% RATED VOLTAGE FOR 2 SECONDS THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25  $\pm$  5 °C.

**RATED VOLTAGE:** 63VDC, 100VDC, AND 250VDC AVAILABLE.

**TEMPERATURE:** -40 °C TO +85 °C AT FULL RATED VOLTAGE.

**ADDITIONAL INFORMATION**

**ORDERING INFORMATION:** ALL ASC CAPACITORS ARE ORDERED BY "FAMILY CAP-TOL-VOLT" DESIGNATION. BECAUSE MANY VALUES ARE AVAILABLE WITH VARIOUS LEAD SPACINGS, LEAD SPACING MUST ALSO BE INCLUDED IN PARENTHESIS AFTER THE FAMILY. (I.E. TO ORDER AN X626 0.1 $\mu$ F,  $\pm$ 10%, 100VDC CAPACITOR WITH 5.0MM LEAD SPACING, REQUEST PART NUMBER "X626(5.0) .1-10-100")

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

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

LAST MODIFIED: 08/29/01