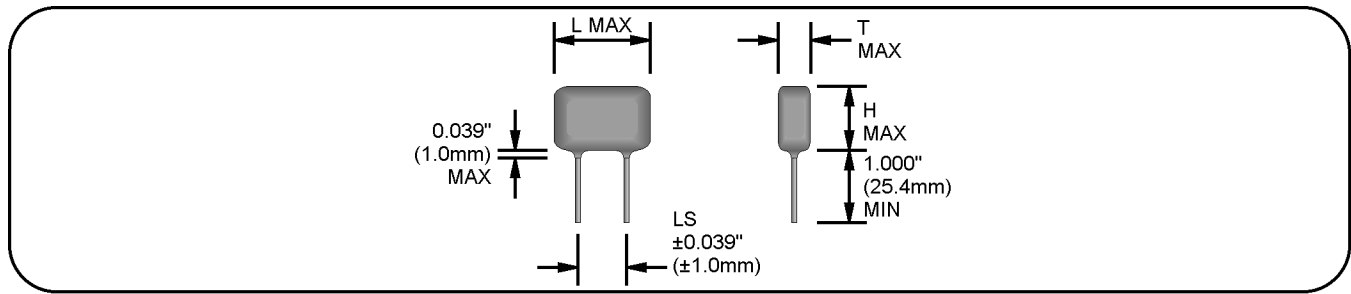


63VDC					
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)	LEAD AWG
0.47	0.209" (5.3mm)	0.335" (8.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.68	0.228" (5.8mm)	0.374" (9.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
1.0*	0.228" (5.8mm)	0.492" (12.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
1.0*	0.220" (5.6mm)	0.354" (9.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
1.5*	0.295" (7.5mm)	0.551" (14.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
1.5*	0.256" (6.5mm)	0.406" (10.3mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
2.2*	0.366" (9.3mm)	0.591" (15.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
2.2*	0.276" (7.0mm)	0.488" (12.4mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
3.3	0.335" (8.5mm)	0.669" (17.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
4.7	0.366" (9.3mm)	0.768" (19.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	22

100VDC					
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)	LEAD AWG
0.22	0.209" (5.3mm)	0.295" (7.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.33	0.217" (5.5mm)	0.335" (8.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.47*	0.236" (6.0mm)	0.433" (11.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.47*	0.228" (5.8mm)	0.335" (8.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.68*	0.256" (6.5mm)	0.571" (14.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.68*	0.236" (6.0mm)	0.457" (11.6mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
1.0*	0.295" (7.5mm)	0.606" (15.4mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
1.0*	0.256" (6.5mm)	0.512" (13.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
1.5	0.260" (6.6mm)	0.657" (16.7mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
2.2	0.323" (8.2mm)	0.689" (17.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	20

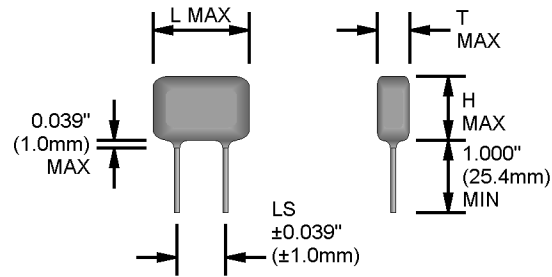
* THESE ITEMS ARE AVAILABLE WITH VARIOUS LEAD SPACINGS. PLEASE INDICATE LEAD SPACING WHEN ORDERING. SEE "ORDERING INFORMATION" ON PAGE 4 FOR MORE INFORMATION



160VDC					
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)	LEAD AWG
0.10	0.185" (4.7mm)	0.268" (6.8mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.15	0.228" (5.8mm)	0.315" (8.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.22	0.228" (5.8mm)	0.406" (10.3mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.33*	0.236" (6.0mm)	0.551" (14.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.33*	0.256" (6.5mm)	0.374" (9.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.47*	0.276" (7.0mm)	0.551" (14.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.47*	0.256" (6.5mm)	0.445" (11.3mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.68*	0.323" (8.2mm)	0.669" (17.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.68*	0.268" (6.8mm)	0.591" (15.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
1.0	0.307" (7.8mm)	0.669" (17.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
1.5	0.398" (10.1mm)	0.768" (19.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	20

250VDC					
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)	LEAD AWG
0.033	0.169" (4.3mm)	0.276" (7.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.047	0.185" (4.7mm)	0.295" (7.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.068	0.217" (5.5mm)	0.335" (8.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.10*	0.248" (6.3mm)	0.394" (10.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.10*	0.209" (5.3mm)	0.323" (8.2mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.15*	0.256" (6.5mm)	0.512" (13.0mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.15*	0.228" (5.8mm)	0.425" (10.8mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.22	0.256" (6.5mm)	0.453" (11.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.33	0.315" (8.0mm)	0.571" (14.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.47	0.335" (8.5mm)	0.669" (17.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.68	0.461" (11.7mm)	0.768" (19.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	20
1.0	0.512" (13.0mm)	0.886" (22.5mm)	0.543" (13.8mm)	0.394" (10.0mm)	20

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



400VDC					
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.039" (± 1.0mm)	LEAD AWG
0.010	0.185" (4.7mm)	0.291" (7.4mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.015	0.189" (4.8mm)	0.311" (7.9mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.022	0.189" (4.8mm)	0.311" (7.9mm)	0.433" (11.0mm)	0.295" (7.5mm)	24
0.033*	0.209" (5.3mm)	0.374" (9.5mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.033*	0.209" (5.3mm)	0.315" (8.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.047*	0.236" (6.0mm)	0.445" (11.3mm)	0.433" (11.0mm)	0.295" (7.5mm)	22
0.047*	0.209" (5.3mm)	0.394" (10.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.068	0.228" (5.8mm)	0.472" (12.0mm)	0.543" (13.8mm)	0.394" (10.0mm)	22
0.10	0.268" (6.8mm)	0.488" (12.4mm)	0.543" (13.8mm)	0.394" (10.0mm)	22

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

GENERAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

CONSTRUCTION: NON-INDUCTIVE "STACKED" METALLIZED POLYESTER.

CASE: FLAME RETARDANT EPOXY DIPPED CASE.

LEAD MATERIAL: SOLDER COATED OR TINNED SOLID WIRE, AWG AS SPECIFIED IN TABLES.

DIMENSIONS: AS SPECIFIED IN TABLES. OTHER LEAD LENGTHS, LEAD SPACINGS, AND CRIMP STYLES AVAILABLE UPON REQUEST.

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 7500 M Ω FOR CAPACITANCE VALUES 0.33 μ F AND LESS OR 2500 M Ω x μ F FOR CAPACITANCE VALUES GREATER THAN 0.33 μ F WHEN MEASURED AFTER 1 MINUTE ELECTRIFICATION AT 100VDC OR RATED VOLTAGE, WHICHEVER IS LESS, AND 25 \pm 5 °C.

DIELECTRIC STRENGTH: 150% RATED VOLTAGE FOR 2 SECONDS THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25 \pm 5 °C.

RATED VOLTAGE: 63VDC, 100VDC, 160VDC, 250VDC, AND 400VDC AVAILABLE.

TEMPERATURE: -40 °C TO +85 °C AT FULL RATED VOLTAGE OPERATIONAL TEMPERATURE, DERATE LINEARLY 1.25%/°C ABOVE +85 °C TO +105 °C, +105 °C MAX STORAGE TEMPERATURE.

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 X680 0.47 μ F, \pm 10%, 100VDC CAPACITOR WITH 7.5MM LEAD SPACING, REQUEST PART NUMBER "X680(7.5) .47-10-100")

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: 09/26/01