



100VDC				
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.059" (± 1.5mm)
0.0010	0.138" (3.5mm)	0.472" (12.0mm)	0.217" (5.5mm)	0.138" (3.5mm)
0.0012	0.138" (3.5mm)	0.472" (12.0mm)	0.217" (5.5mm)	0.138" (3.5mm)
0.0015	0.138" (3.5mm)	0.472" (12.0mm)	0.217" (5.5mm)	0.138" (3.5mm)
0.0018	0.138" (3.5mm)	0.472" (12.0mm)	0.217" (5.5mm)	0.138" (3.5mm)
0.0022	0.138" (3.5mm)	0.472" (12.0mm)	0.217" (5.5mm)	0.138" (3.5mm)
0.0027	0.138" (3.5mm)	0.472" (12.0mm)	0.217" (5.5mm)	0.138" (3.5mm)
0.0033	0.138" (3.5mm)	0.472" (12.0mm)	0.236" (6.0mm)	0.138" (3.5mm)
0.0039	0.138" (3.5mm)	0.472" (12.0mm)	0.236" (6.0mm)	0.138" (3.5mm)
0.0047	0.138" (3.5mm)	0.472" (12.0mm)	0.236" (6.0mm)	0.138" (3.5mm)
0.0056	0.138" (3.5mm)	0.472" (12.0mm)	0.236" (6.0mm)	0.138" (3.5mm)
0.0068	0.138" (3.5mm)	0.472" (12.0mm)	0.236" (6.0mm)	0.138" (3.5mm)
0.0082	0.138" (3.5mm)	0.472" (12.0mm)	0.256" (6.5mm)	0.138" (3.5mm)
0.010	0.157" (4.0mm)	0.472" (12.0mm)	0.256" (6.5mm)	0.138" (3.5mm)
0.012	0.157" (4.0mm)	0.472" (12.0mm)	0.256" (6.5mm)	0.138" (3.5mm)
0.015	0.157" (4.0mm)	0.492" (12.5mm)	0.276" (7.0mm)	0.157" (4.0mm)
0.018	0.157" (4.0mm)	0.492" (12.5mm)	0.295" (7.5mm)	0.157" (4.0mm)
0.022	0.157" (4.0mm)	0.492" (12.5mm)	0.295" (7.5mm)	0.197" (5.0mm)

100VDC				
CAP (MFD)	T MAX	H MAX	L MAX	LS ± 0.059" (± 1.5mm)
0.027	0.177" (4.5mm)	0.492" (12.5mm)	0.315" (8.0mm)	0.197" (5.0mm)
0.033	0.177" (4.5mm)	0.492" (12.5mm)	0.335" (8.5mm)	0.197" (5.0mm)
0.039	0.197" (5.0mm)	0.492" (12.5mm)	0.354" (9.0mm)	0.236" (6.0mm)
0.047	0.197" (5.0mm)	0.492" (12.5mm)	0.374" (9.5mm)	0.236" (6.0mm)
0.056	0.217" (5.5mm)	0.492" (12.5mm)	0.394" (10.0mm)	0.236" (6.0mm)
0.068	0.217" (5.5mm)	0.512" (13.0mm)	0.394" (10.0mm)	0.236" (6.0mm)
0.082	0.236" (6.0mm)	0.512" (13.0mm)	0.413" (10.5mm)	0.295" (7.5mm)
0.10	0.256" (6.5mm)	0.512" (13.0mm)	0.433" (11.0mm)	0.295" (7.5mm)
0.12	0.276" (7.0mm)	0.512" (13.0mm)	0.472" (12.0mm)	0.295" (7.5mm)
0.15	0.295" (7.5mm)	0.591" (15.0mm)	0.492" (12.5mm)	0.295" (7.5mm)
0.18	0.315" (8.0mm)	0.610" (15.5mm)	0.512" (13.0mm)	0.335" (8.5mm)
0.22	0.335" (8.5mm)	0.630" (16.0mm)	0.531" (13.5mm)	0.335" (8.5mm)
0.27	0.335" (8.5mm)	0.689" (17.5mm)	0.591" (15.0mm)	0.394" (10.0mm)
0.33	0.354" (9.0mm)	0.748" (19.0mm)	0.630" (16.0mm)	0.394" (10.0mm)
0.39	0.374" (9.5mm)	0.768" (19.5mm)	0.669" (17.0mm)	0.394" (10.0mm)
0.47	0.394" (10.0mm)	0.787" (20.0mm)	0.709" (18.0mm)	0.394" (10.0mm)

GENERAL SPECIFICATIONS**PHYSICAL CHARACTERISTICS**

CONSTRUCTION: INDUCTIVE WOUND POLYESTER FILM AND FOIL.

CASE: EPOXY DIPPED.

LEAD MATERIAL: SOLDER COATED OR TINNED SOLID WIRE, 22 TO 24 AWG.

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%, \pm 10%, AND \pm 20% 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 50,000 M Ω WHEN MEASURED AFTER 1 MINUTE ELECTRIFICATION AT 100VDC AND 25 \pm 5 °C.

DIELECTRIC STRENGTH: 250% RATED VOLTAGE FOR 5 SECONDS THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25 \pm 5 °C.

RATED VOLTAGE: 100VDC.

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. (I.E. TO ORDER A 622 0.1 μ F, \pm 10%, 100VDC CAPACITOR, REQUEST PART NUMBER "622 .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: 08/27/01