



250VAC/275VAC					
CAP (μF)	T ± 0.039 ($\pm 1.0\text{MM}$)	H ± 0.039 ($\pm 1.0\text{MM}$)	L ± 0.039 ($\pm 1.0\text{MM}$)	LS $\pm 0.059"$ ($\pm 1.5\text{mm}$)	LEAD AWG
0.47	0.374" (9.5mm)	0.748" (19.0mm)	1.004" (25.5mm)	0.886" (22.5mm)	20
0.56	0.394" (10.0mm)	0.748" (19.0mm)	1.200" (30.5mm)	1.083" (27.5mm)	20
0.68	0.394" (10.0mm)	0.748" (19.0mm)	1.200" (30.5mm)	1.083" (27.5mm)	20
0.82	0.492" (12.5mm)	0.807" (20.5mm)	1.200" (30.5mm)	1.083" (27.5mm)	20
1.0	0.492" (12.5mm)	0.807" (20.5mm)	1.200" (30.5mm)	1.083" (27.5mm)	20
1.2	0.571" (14.5mm)	0.945" (24.0mm)	1.200" (30.5mm)	1.083" (27.5mm)	20
1.5	0.571" (14.5mm)	0.945" (24.0mm)	1.200" (30.5mm)	1.083" (27.5mm)	20
1.8	0.670" (17.0mm)	1.142" (29.0mm)	1.200" (30.5mm)	1.083" (27.5mm)	20
2.2	0.670" (17.0mm)	1.142" (29.0mm)	1.200" (30.5mm)	1.083" (27.5mm)	20

GENERAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

CONSTRUCTION: NON-INDUCTIVE WOUND METALLIZED POLYPROPYLENE FILM.

CASE: FLAME RETARDANT PREFORMED CASE WITH EPOXY FILL.

LEAD MATERIAL: TINNED SOLID WIRE. AWG AS SPECIFIED IN TABLES.

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 10% AND \pm 20% AVAILABLE.

DISSIPATION FACTOR: SHALL NOT BE GREATER THAN 0.2% WHEN MEASURED AT OR REFERRED TO 1000 \pm 20 HZ AND 25 \pm 5 °C.

INSULATION RESISTANCE: SHALL BE GREATER THAN 15,000 M Ω FOR CAPACITANCE VALUES 0.33 μ F AND LESS OR 5,000 M Ω FOR CAPACITANCE VALUES GREATER THAN 0.33 μ F WHEN MEASURED AFTER 1 MINUTE ELECTRIFICATION AT 100VDC AND 25 \pm 5 °C.

DIELECTRIC STRENGTH: 1550VDC FOR 2 SECONDS.

RATED VOLTAGE: 250VAC FOR UL AND CSA. 275VAC FOR OTHER AGENCIES

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 AN MPWC 0.1 μ F, \pm 10%, 250VAC CAPACITOR, REQUEST PART NUMBER "MPWC .1-10-250")

AGENCY APPROVALS:

RECOGNIZED BY THE FOLLOWING AGENCIES:

UL FILE E231060
CSA FILE NUMBER LR62199
DEMKO FILE NUMBER 309895-01
SEMKO FILE NUMBER 001707901
FIMKO FILE NUMBER F115311
NEMKO FILE NUMBER P00101159
SEV FILE NUMBER 00.1264

SEE ALSO: "GENERAL INFORMATION - POLYPROPYLENE 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: 06/12/08