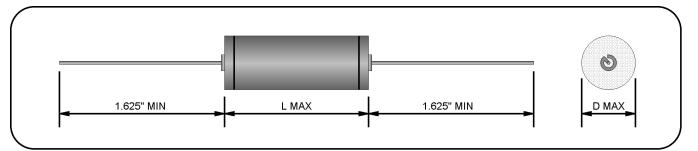


METALLIZED POLYPROPYLENE SELF-ENCASED

X300

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200VDC				
CAP	D	L	LEAD	
(µF)	MAX	MAX	AWG	
1.0	0.422"	1.574"	20	
	(10.7mm)	(40.0mm)		
2.0	0.538"	1.574"	20	
2.0	(13.7mm)	(40.0mm)		
3.0	0.630"	1.574"	20	
	(16.0mm)	(40.0mm)		
4.0	0.712"	1.574"	20	
	(18.1mm)	(40.0mm)		
5.0	0.783"	1.574"	20	
3.0	(19.9mm)	(40.0mm)		
6.0	0.850"	1.574"	20	
6.0	(21.6mm)	(40.0mm)		
7.0	0.910"	1.574"	20	
7.0	(23.1mm)	(40.0mm)		
8.0	0.967"	1.574"	20	
	(24.6mm)	(40.0mm)		
9.0	1.021"	1.574"	20	
9.0	(25.9mm)	(40.0mm)		
10.0	1.071"	1.574"	20	
	(27.2mm)	(40.0mm)		
11.0	1.120"	1.574"	20	
	(28.4mm)	(40.0mm)		
12.0	1.166"	1.574"	20	
	(29.6mm)	(40.0mm)		
13.0	1.211"	1.574"	20	
	(30.8mm)	(40.0mm)		

200VDC				
CAP	D	L	LEAD	
(µF)	MAX	MAX	AWG	
14.0	1.254"	1.574"	20	
	(31.9mm)	(40.0mm)		
15.0	1.296"	1.574"	20	
	(32.9mm)	(40.0mm)		
16.0	1.335"	1.574"	20	
	(33.9mm)	(40.0mm)		
17.0	1.374"	1.574"	20	
	(34.9mm)	(40.0mm)		
18.0	1.412"	1.574"	20	
	(35.9mm)	(40.0mm)		
19.0	1.450"	1.574"	20	
19.0	(36.8mm)	(40.0mm)		
20.0	1.485"	1.574"	20	
	(37.7mm)	(40.0mm)		
25.0	1.495"	1.870"	20	
	(38.0mm)	(47.5mm)		
30.0	1.630"	1.870"	20	
	(41.4mm)	(47.5mm)		
35.0	1.756"	1.870"	20	
	(44.6mm)	(47.5mm)		
40.0	1.873"	1.870"	20	
	(47.6mm)	(47.5mm)		
45.0	1.983"	1.870"	20	
	(50.4mm)	(47.5mm)		
50.0	2.086"	1.870"	20	
	(53.0mm)	(47.5mm)		

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X300

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GENERAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS

CONSTRUCTION: NON-INDUCTIVE WOUND METALLIZED POLYPROPYLENE.

CASE: SELF-ENCASED WITH POLYPROPYLENE OR POLYESTER MATERIAL.

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

DIMENSIONS: AS SPECIFIED IN TABLE.

ELECTRICAL CHARACTERISTICS

CAPACITANCE: AS SPECIFIED IN TABLE \pm REQUESTED TOLERANCE WHEN MEASURED AT OR REFERRED TO 120 \pm 20 HZ AND 25 \pm 5 °C.

TOLERANCE: ±5%, ±10%, AND ±20% AVAILABLE. OTHER TOLERANCES AVAILABLE UPON REQUEST.

DISSIPATION FACTOR: SHALL NOT BE GREATER THAN 0.1% WHEN MEASURED AT OR REFERRED TO 120 ± 20 HZ AND 25 ± 5 °C.

INSULATION RESISTANCE: SHALL BE GREATER THAN 10,000 M Ω x μ F WHEN MEASURED AFTER 2 MINUTES ELECTRIFICATION AT 100VDC AND 25 ± 5 °C.

DIELECTRIC STRENGTH: 200% RATED VOLTAGE FOR 1 MINUTE THROUGH A LIMITING RESISTANCE OF 100 OHMS/VOLT AT 25 ± 5 °C.

RATED VOLTAGE: 200VDC.

TEMPERATURE: -55 °C TO +85 °C AT FULL RATED VOLTAGE OPERATIONAL TEMPERATURE, +105 °C MAX STORAGE TEMPERATURE.

ADDITIONAL INFORMATION

ORDERING INFORMATION: ALL ASC CAPACITORS ARE ORDERED BY "FAMILY CAP-TOL-VOLT" DESIGNATION. (I.E. TO ORDER AN X300 10.0μF, ±10%, 200VDC CAPACITOR, REQUEST PART NUMBER "X300 10-10-200")

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: 09/10/01

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