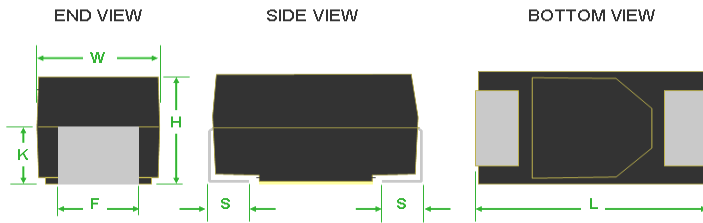
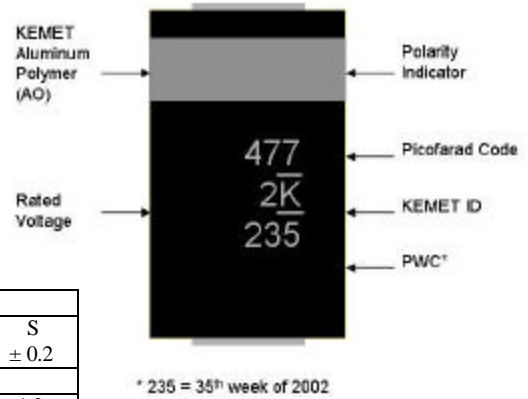


A700 Series - KEMET Aluminum-Organic AO-CAP
Product Update – 1/31/05

Component Outline Drawing



Component Marking



Case Codes		Component Dimensions					
		L	W	H	K Min	F ± 0.1	S ± 0.2
KEMET	EIA						
V	7343-20	7.3±0.3	4.3±0.3	1.9±0.1	0.9	2.4	1.3
D	7343-31	7.3±0.3	4.3±0.3	2.8±0.3	1.3	2.4	1.3
X	7343-43	7.3±0.3	4.3±0.3	4.0±0.3	2.1	2.4	1.3

Part Number and Electrical Specification Table

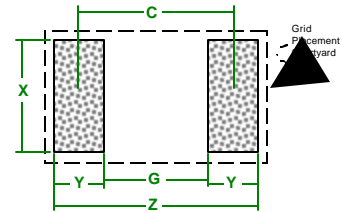
KEMET Part Number	Case	Cap µF	Voltage VDC	DCL @ V _R	DF @ 120Hz	ESR @ 100kHz (mΩ)	Ripple Current (Arms) @100 kHz [±T Rise@T _{Amb}] +20°C@ (-55°C to 125°C)
A700X277M002ATE010	X/7343-43	270	2	32.4 µA	6 %	10	4.7
A700X277M002ATE015	X/7343-43	270	2	32.4 µA	6 %	15	3.9
A700X337M002ATE010	X/7343-43	330	2	39.6 µA	6 %	10	4.7
A700X337M002ATE015	X/7343-43	330	2	39.6 µA	6 %	15	3.9
A700X397M002ATE010	X/7343-43	390	2	46.8 µA	6 %	10	4.7
A700X397M002ATE015	X/7343-43	390	2	46.8 µA	6 %	15	3.9
A700X477M002ATE010	X/7343-43	470	2	56.4 µA	6 %	10	4.7
A700X477M002ATE015	X/7343-43	470	2	56.4 µA	6 %	15	3.9
A700X187M004ATE010	X/7343-43	180	4	43.2 µA	6 %	10	4.7
A700X187M004ATE015	X/7343-43	180	4	43.2 µA	6 %	15	3.9
A700X227M004ATE010	X/7343-43	220	4	52.8 µA	6 %	10	4.7
A700X227M004ATE015	X/7343-43	220	4	52.8 µA	6 %	15	3.9
A700D127M006ATE012	D/7343-31	120	6.3	30.2 µA	6 %	12	4.6
A700X157M006ATE010	X/7343-43	150	6.3	37.8 µA	6 %	10	4.7
A700X157M006ATE015	X/7343-43	150	6.3	37.8 µA	6 %	15	3.9
A700X187M006ATE010	X/7343-43	180	6.3	45.4 µA	6 %	10	4.7
A700X187M006ATE015	X/7343-43	180	6.3	45.4 µA	6 %	15	3.9
A700X107M008ATE010	X/7343-43	100	8	32.0 µA	6 %	10	4.7
A700X107M008ATE015	X/7343-43	100	8	32.0 µA	6 %	15	3.9
A700V226M010ATE028	V/7343-20	22	10	8.8 µA	6 %	28	3.1

Note that DC leakage limits are after a minimum of 2 minutes charge time at rated voltage

A700 Series - KEMET Aluminum-Organic AO-CAP
Product Update – 1/31/05

Land Pattern Dimensions for Reflow Solder

KEMET/EIA Size Code	Pad Dimensions				
	Z	G	X	Y (ref)	C (ref)
V/7343-20, D7343-31, X7343-43	8.90	3.80	2.70	2.55	6.35



Packaging Specifications

Case Codes		Tape and Reel Dimensions				
		Tape Width (mm)	Pitch mm ±0.1		Reel Quantity	
KEMET	EIA 7343-		Part	Sprocket	180mm (7" dia)	330mm (13" dia)
V	20	12±0.3	8	4	1000	3000
D	31	12±0.3	8	4	500	2500
X	43	12±0.3	8	4	500	2000