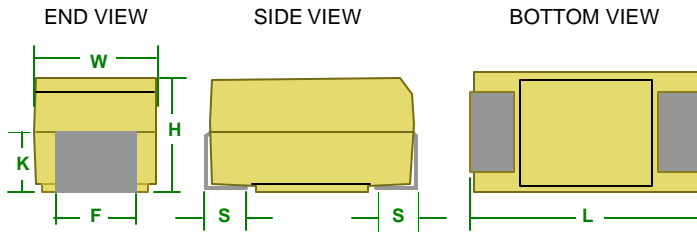
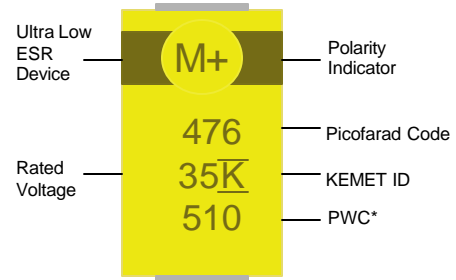


T510 Series - KEMET Ultra-Low ESR Tantalum Chip Capacitor
Product Specification 04-28-06

Component Outline Drawing



Component Marking



* 510 = 10th week of 2005

Case Codes		Component Dimensions					
		L	W	H	K Min	F ±0.1	S ±0.3
KEMET	EIA						
X	7343-43	7.3±0.3	4.3±0.3	4.0±0.3	2.1	2.4	1.3
E	7260-38	7.3±0.3	6.0±0.3	3.6±0.2	2.1	4.1	1.3

Part Number and Electrical Specification Table

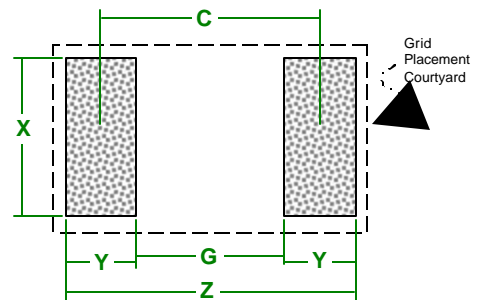
KEMET Part Number	Case	Cap	Voltage	DCL V _R	DF 120Hz	ESR, 100kHz	Ripple Current (Arms) @ 100 kHz		
							@ 25°C	@ 85°C	@ 125°C
T510X227(1)016A*4115	X/7343-43	220 μF	16V	35.2 μA	10 %	25 mΩ	3.3	3.0	1.3
T510X336(1)035A*4115	X/7343-43	33 μF	35 V	11.6 μA	6 %	50 mΩ	2.3	2.1	0.9
T510X336(1)035A*	X/7343-43	33 μF	35 V	11.6 μA	6 %	65 mΩ	2.0	1.8	0.8
T510X476(1)035A*	X/7343-43	47 μF	35 V	16.5 μA	8 %	55 mΩ	2.2	2.0	0.9

(1) Insert M for +/-20% or K for +/-10%

* Insert "T" for 100% tin (Sn) termination or "H" for tin/lead (Sn/Pb)

Land Pattern Dimensions for Reflow Solder

KEMET/EIA Size Code	Pad Dimensions				
	Z	G	X	Y (ref)	C (ref)
X/7343-43	8.90	3.80	2.70	2.55	6.35
E/7260-38	8.90	3.80	4.40	2.55	6.35



Packaging Specifications

Case Codes		Tape and Reel Dimensions				
		Tape Width mm	Pitch mm ±0.1		Reel Quantity	
KEMET	EIA		Part	Sprocket	180mm (7" dia)	330mm (13" dia)
X	7343-43	12±0.3	8	4	500	2000
E	7260-38	12±0.3	8	4	500	2000