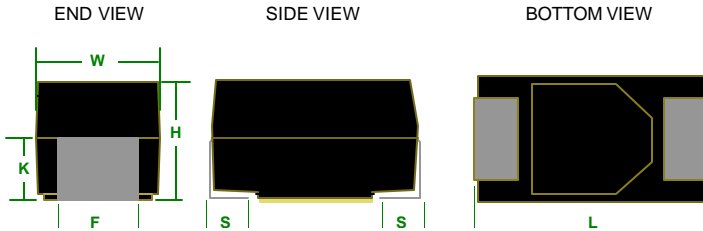
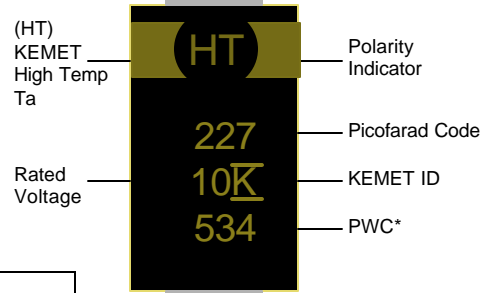


**T498 Series - KEMET High Temp (150°C) Tantalum Chip Capacitor**  
**New Product Release July 29, 2005**

**Component Outline Drawing**



**Component Marking**



\* 534 = 34<sup>th</sup> week of 2005

Case Codes		Component Dimensions					
		L	W	H	K Min	F ± 0.1	S ± 0.3
KEMET	EIA						
A	3216-18	3.2±0.2	1.6±0.2	1.6±0.2	0.7	1.2	0.8
B	3528-21	3.5±0.2	2.8±0.2	1.9±0.2	0.9	2.2	0.8
C	6032-28	6.0±0.3	3.2±0.3	2.5±0.3	1.2	2.2	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

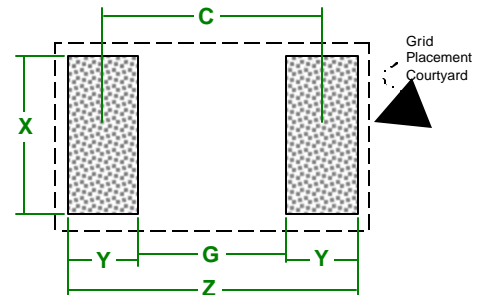
**Part Number and Electrical Specification Table**

KEMET Part Number	Case	Cap	Voltage	DCL V <sub>R</sub>	DF 120Hz	ESR, 100kHz	
T498A334(1)035A* E11K	A/3216-18	0.33 µF	35V	0.5 µA	4 %	11.0 Ω	

- (1) insert M for +/- 20% tolerance or K for +/- 10% tolerance
- \* Insert "T" for 100% tin (Sn) termination, "H" for tin/lead (Sn/Pb) termination, or "G" for gold.

**Land Pattern Dimensions for Reflow Solder**

KEMET/EIA Size Code	Pad Dimensions				
	Z	G	X	Y (ref)	C (ref)
A/3216-18	4.70	0.80	1.50	1.95	2.75
B/3528-21	5.00	1.10	2.50	1.95	3.05
C/6032-28	7.60	2.50	2.50	2.55	5.05
D/7343-31	8.90	3.80	2.70	2.55	6.35
X/7343-43	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		Part	Sprocket	180mm (7" dia)	330mm (13" dia)
A	3216-18	8±0.3	8	4	2000	9000
B	3528-21	8±0.3	8	4	2000	8000
C	6032-28	12±0.3	8	4	500	3000
D	7343-31	12±0.3	8	4	500	2500
X	7343-43	12±0.3	8	4	500	2000

Rev. 07/29/2005