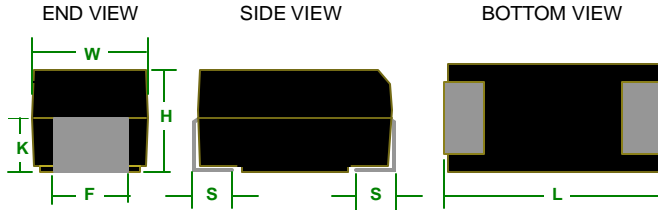


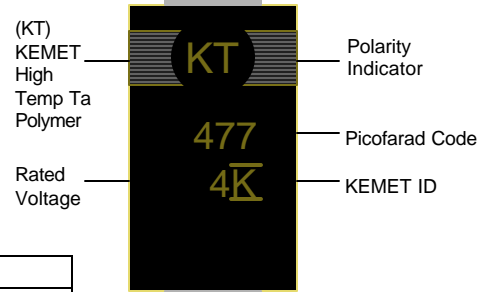
T525 Series - KEMET High Temp-Polymer Tantalum Chip Capacitor

New Product Release – 1-31-06

Component Outline Drawing



Component Marking



Case Codes		Component Dimensions					
		L	W	H	K Min	F ± 0.1	S ± 0.3
KEMET	EIA						
T	3528-12	3.5±0.2	2.8±0.2	1.2 max	0.3	2.2	0.8
B	3528-21	3.5±0.2	2.8±0.2	1.9±0.1	0.9	2.2	0.8
D	7343-31	7.3±0.3	4.3±0.3	2.8±0.3	1.3	2.4	1.3

Part Number and Electrical Specification Table

KEMET Part Number	Case	Cap (μ F)	Voltage (V)	DCL V_R (μ A)	DF 120Hz (%)	ESR, 100kHz (m Ω)	Ripple Current (Arms) @ 100 kHz	
							delta T=20°C @ -55°C to 105°C	delta T =2°C @ 125°C
T525T336M008A*E080	T/3528-12	33	8	26	8	80	0.9	0.3
T525T336M010A*E080	T/3528-12	33	10	33	8	80	0.9	0.3

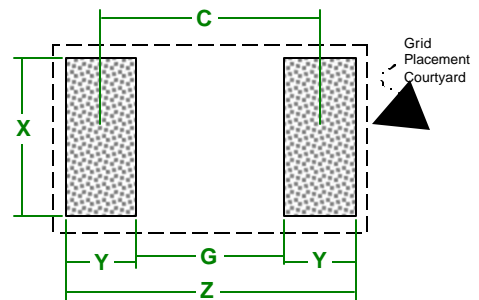
* Insert "T" for 100% tin (Sn) termination or "H" for tin/lead (Sn/Pb) .

Land Pattern Dimensions for Reflow Solder

KEMET/EIA Size Code	Pad Dimensions				
	Z	G	X	Y (ref)	C (ref)
B/3528-21 / T/3528-12	5.00	1.10	2.50	1.95	3.05
D/7343-31	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)
T	3528-12	8±0.3	8	4	2500	10,000
B	3528-21	8±0.3	8	4	2000	8,000
D	7343-31	12±0.3	8	4	500	2,500



Rev. 01/31/2006