

T491A335G010AT

Data Sheet,



Specifications

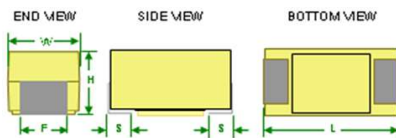
Item	Performance Characteristics
Operating Temperature	-55° C to 125° C
Capacitance	3.3µF @ 120 Hz / 25° C
Capacitance Tolerance	G = ±2%
Rated Voltage	10 VDC (85°C)
DF(120Hz)	Refer to Part Number Electrical Specification
ESR (100KHz)	Refer to Part Number Electrical Specification
Leakage Current	≤ 0.01CV (µA) at rated voltage, 25° C, after 5 minutes
Lead Finish	T = 100% Matte tin (Sn)-plated
Packaging	Tape and reel, 7" size , 2,000 pcs per reel



Part Number Explanation

T	491	A	335	G	010	A	T
Capacitor Class	Series	Case Size	Capacitance Code (pF)	Capacitance Tolerance	Voltage	Failure Rate/ Design	Lead Material
T = Tantalum	Industrial Grade MnO ₂	A = 3216-18	First two digits represent significant figures. Third digit specifies number of zeros.	G = ±2%	010 = 10V	A = N/A	T = 100% Matte tin (Sn)-plated

Dimensions – Millimeters



Case Codes		Component Dimensions (mm)				
KEMET	EIA	L	W	H	F ± 0.1	S ± 0.3
A	3216-18	3.2 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	1.2	0.80 +0.2/-0.3

Part Number and Electrical Specification Table

Rated Voltage VDC at 85°C	Rated Capacitance (µF)	Case Code / Case Size	KEMET Part Number	DC Leakage µA at +25°C Maximum/ 5 Minutes	DF % at +25°C 120 Hz Maximum	ESR Ω at +25°C 100 kHz Maximum	Maximum Allowable Ripple Current (rms) mA at +25°C 100 kHz	MSL Reflow Temp ≤260°C	Maximum Operating Temp °C
10	3.3	A/3216-18	T491A335G010AT	0.5	6.0	5.5	117	1	125