

Specifications

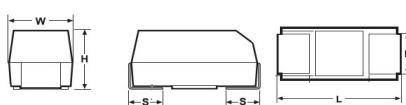
Item	Performance Characteristics
Operating Temperature	-55° C to 105° C
Capacitance Value	150 μ F @ 120 Hz/25° C
Capacitance Tolerance	M Tolerance ($\pm 20\%$)
Rated Voltage	16V
DF(120Hz)	Refer to Part Number Electrical Specification
ESR (100KHz)	Refer to Part Number Electrical Specification
Leakage Current	$\leq 0.1CV$ (μ A) at rated voltage after 5 minutes
Lead Finish	100% Matte tin (Sn)-plated
Packaging	7" reel of 1,000 pcs



Part Number Explanation

T	521	V	157	M	016	A	T	E050
Capacitor Class	Series	Case Size	Capacitance Code (pF)	Capacitance Tolerance	Voltage	Failure Rate/Design	Lead Material	ESR Specification
T = Tantalum	High Voltage Polymer Tantalum Capacitor	V / 7343-20	First two digits represent significant figures. Third digit specifies number of zeros.	M = $\pm 20\%$	016=16V	A = N/A	T = 100% Matte tin (Sn)-plated	Max ESR in $m\Omega$ = 50mOhms

Component Dimensions



Case Codes		Component Dimensions (mm)				
KEMET	EIA	L	W	H	F ± 0.1	S ± 0.3
V	7343-20	7.3 \pm 0.3	4.3 \pm 0.3	1.9 \pm 0.1	2.4	1.3

Part Number and Electrical Specification Table

Rated Voltage VDC	Rated Capacitance μ F	Case Code/Size	KEMET Part Number	Maximum DC Leakage μ A @25°C	Maximum DF % @ 25°C	Maximum ESR $m\Omega$ @25°C	Maximum Allowable Ripple Current mA	MSL
16	150	V/7343-20	T521V157M016ATE050	240.0	10	50	1,930	3

IMPORTANT NOTE: Preliminary Datasheet / Content subject to change up to Launching release.

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