

## Specifications

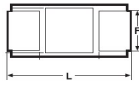
Item	Performance Characteristics
Operating Temperature	-55° C to 105° C
Capacitance Value	150 $\mu$ F @ 120 Hz/25° C
Capacitance Tolerance	M Tolerance ( $\pm 20\%$ )
Rated Voltage	16V
DF(120Hz)	Refer to Part Number Electrical Specification
ESR (100KHz)	Refer to Part Number Electrical Specification
Leakage Current	$\leq 0.1CV$ ( $\mu$ 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 $\pm 0.1$	S $\pm 0.3$
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 $\mu$ F	Case Code/Size	KEMET Part Number	Maximum DC Leakage $\mu$ 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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