

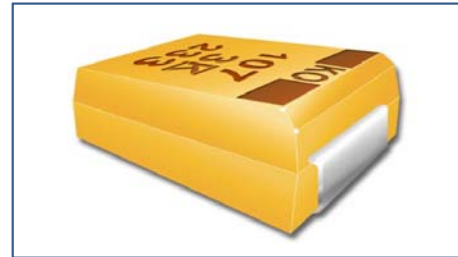
T543D475M063AHE075

Preliminary Data Sheet



Specifications

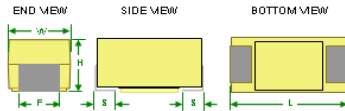
Item	Performance Characteristics
Operating Temperature	-55° C to 105° C
Capacitance Value	4.7 μ F @ 120 Hz/25° C
Capacitance Tolerance	M Tolerance (\pm 20%)
Rated Voltage	63V
DF(120Hz)	Refer to Part Number Electrical Specification
ESR (100KHz)	Refer to Part Number Electrical Specification
Leakage Current	\leq 0.1CV (μ A) at rated voltage after 5 minutes
Lead Finish	SnPb 5% Pb min
Packaging	7" reel of 500 pcs



Part Number Explanation

T	543	D	475	M	063	A	H	E075
Capacitor Class	Series	Case Size	Capacitance Code (pF)	Capacitance Tolerance	Voltage	Failure Rate/Design	Lead Material	ESR Specification
T = Tantalum	Polymer COTS Series	D/7343-31	First two digits represent significant figures. Third digit specifies number of zeros.	M = \pm 20%	063=63V	A = N/A	H = Standard Solder Coated (SnPb 5% Pb minimum)	Maximum ESR @ 25°C = 75 m Ω

Component Dimensions



Case Codes		Component Dimensions (mm)				
KEMET	EIA	L	W	H	F \pm 0.1	S \pm 0.3
D	7343-31	7.3 \pm 0.3	4.3 \pm 0.3	2.8 \pm 0.3	2.4	1.3

Part Number and Electrical Specification Table

KEMET Part Number	Case Code	Cap (μ F)	Voltage	DC Leakage @ Vr, 25°C, Max (μ A)	DF @ 25°C 120Hz, Max (%)	ESR @ 25°C Max (m Ω)	Maximum Allowable Ripple Current (mA)	MSL
T543D475M063AHE075	D= 7343-31	4.7	63	30	10	75	1732	3

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