

Sample Kit Contents

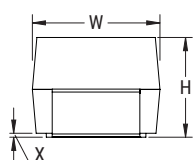
KEMET Part Number	Case Code/ Case Size	Rated Cap	Rated Voltage	DC Leakage	DF	ESR	Quantity
	KEMET/EIA	µF	VDC @ 85°C	µA @ +25°C Max/5 Minutes	% @ +25°C 120 Hz Max	mΩ @ +25°C 100 kHz Max	
T489B106M006ATE3K0	B/3528-21	10	6.3	0.5	6.0	3000	10
T489X477M006ATE250	X/7343-43	470	6.3	21.0	8.0	250	10
T489A104M035ATE20K	A/3216-18	0.1	35	0.3	4.0	20000	10
T489D685M050ATE700	D/7343-31	6.8	50	2.6	4.5	700	10

KEMET Part Number	Case Code/ Case Size	Rated Cap	Rated Voltage	DC Leakage	DF	ESR	Quantity
	KEMET/EIA	µF	VDC @ 105°C	µA @ +20°C Max/10 Minutes	% @ +20°C 120 Hz Max	mΩ @ +20°C 100 kHz Max	
T522V157M006ATE025	V/7343-19	150	6.3	28.0	10.0	25	10
T522Y477M006ATE035	Y/7343-40	470	6.3	89.0	10.0	35	10

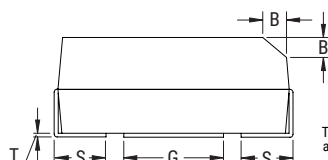
Dimensions – Millimeters (Inches)

Metric will govern

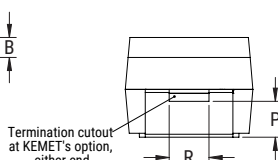
CATHODE (-) END VIEW



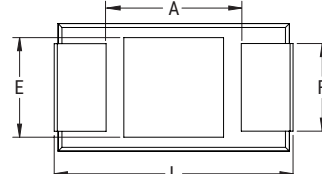
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Case Size		Component												
KEMET	EIA	L*	W*	H*	F* ±0.1 ±(0.004)	S* ±0.3 ±(0.012)	B* ±0.15 (Ref) ±0.006	X (Ref)	P (Ref)	R (Ref)	T (Ref)	A (Min)	G (Ref)	E (Ref)
A	3216-18	3.2±0.2 (0.126±0.008)	1.6±0.2 (0.063±0.008)	1.6±0.2 (0.063±0.008)	1.2 (0.047)	0.8 (0.031)	0.4 (0.016)	0.10±0.10 (0.004±0.004)	0.4 (0.016)	0.4 (0.016)	0.13 (0.005)	0.8 (0.31)	1.1 (0.043)	1.3 (0.051)
B	3528-21	3.5±0.2 (0.138±0.008)	2.8±0.2 (0.110±0.008)	1.9±0.2 (0.075±0.008)	2.2 (0.087)	0.8 (0.031)	0.4 (0.016)	0.10±0.10 (0.004±0.004)	0.5 (0.020)	1.0 (0.039)	0.13 (0.005)	1.1 (0.043)	1.8 (0.071)	2.2 (0.087)
D	7343-31	7.3±0.3 (0.287±0.012)	4.3±0.3 (0.169±0.012)	2.8±0.3 (0.110±0.012)	2.4 (0.094)	1.3 (0.051)	0.5 (0.020)	0.10±0.10 (0.004±0.004)	0.9 (0.035)	1.0 (0.039)	0.13 (0.005)	3.8 (0.150)	3.5 (0.138)	3.5 (0.138)
X	7343-43	7.3±0.3 (0.287±0.012)	4.3±0.3 (0.169±0.012)	4.0±0.3 (0.157±0.012)	2.4 (0.094)	1.3 (0.051)	0.5 (0.020)	0.10±0.10 (0.004±0.004)	1.7 (0.067)	1.0 (0.039)	0.13 (0.005)	3.8 (0.150)	3.5 (0.138)	3.5 (0.138)
V	7343-19	7.3±0.3 (0.287±0.012)	4.3±0.3 (0.169±0.012)	1.9 (.075)	2.4 (0.094)	1.3 (0.051)	n/a	0.05 (0.002)	n/a	n/a	0.13 (0.005)	3.8 (0.150)	3.5 (0.138)	3.5 (0.138)
Y	7343-40	7.3 ±0.3 (0.287 ±0.012)	4.3 ±0.3 (0.169 ±0.012)	4.0 (.157) maximum	2.4 (0.094)	1.3 (0.051)	0.5 (0.020)	0.10±0.10 (0.004±0.004)	1.7 (0.067)	1.0 (0.039)	0.13 (0.005)	3.8 (0.150)	3.5 (0.138)	3.5 (0.138)

Notes: (Ref) – Dimensions provided for reference only. No dimensions are provided for B, P or R because low profile cases do not have a bevel or a notch.

* MIL-PRF-55365/8 specified dimensions

Moisture Sensitivity Notice

These KEMET devices are Moisture Sensitivity Level 3 (MSL3) rated per J-STD-020D. Mass production quantities are packaged in moisture resistant packaging and must be handled per J-STD-020D MSL3 requirements.

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