

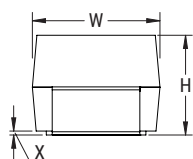
## Sample Kit Contents

KEMET Part Number	Case Code/ Case Size	Rated Cap	Rated Voltage	DC Leakage	DF	ESR	Quantity
	KEMET/EIA	$\mu\text{F}$	VDC	$\mu\text{Amps } +25^{\circ}\text{C}$ Maximum/5 Minutes	% at $+25^{\circ}\text{C}$ 120 Hz Maximum	m $\Omega$ at $25^{\circ}\text{C}$ 100 kHz Maximum	
T489B106M006ATE3K0	B/3528-21	10	6.3	0.5	6.0	3,000	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	20,000	10
T489D685M050ATE700	D/7343-31	6.8	50	2.6	4.5	700	10
T521V157M016ATK050	V/7343-19	150	16	120.0	10.0	50	10
T521X477M016ATI020	X/7343-43	470	16	226.0	10.0	20	10

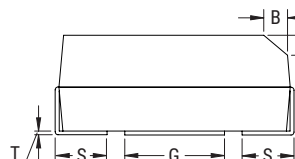
## Dimensions – Millimeters (Inches)

Metric will govern

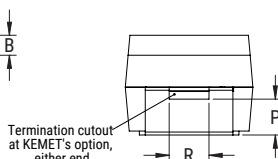
CATHODE (-) END VIEW



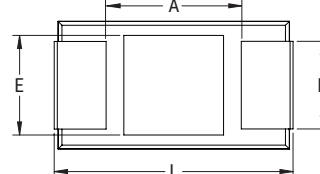
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW



Case Size		Component												
KEMET	EIA	L*	W*	H*	F* $\pm 0.1$ $\pm(0.004)$	S* $\pm 0.3$ $\pm(0.012)$	B* $\pm 0.15$ (Ref) $\pm 0.006$	X (Ref)	P (Ref)	R (Ref)	T (Ref)	A (Min)	G (Ref)	E (Ref)
A	3216-18	3.2 $\pm 0.2$ (0.126 $\pm 0.008$ )	1.6 $\pm 0.2$ (0.063 $\pm 0.008$ )	1.6 $\pm 0.2$ (0.063 $\pm 0.008$ )	1.2 (0.047)	0.8 (0.031)	0.4 (0.016)	0.10 $\pm 0.10$ (0.004 $\pm 0.004$ )	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 $\pm 0.2$ (0.138 $\pm 0.008$ )	2.8 $\pm 0.2$ (0.110 $\pm 0.008$ )	1.9 $\pm 0.2$ (0.075 $\pm 0.008$ )	2.2 (0.087)	0.8 (0.031)	0.4 (0.016)	0.10 $\pm 0.10$ (0.004 $\pm 0.004$ )	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 $\pm 0.3$ (0.287 $\pm 0.012$ )	4.3 $\pm 0.3$ (0.169 $\pm 0.012$ )	2.8 $\pm 0.3$ (0.110 $\pm 0.012$ )	2.4 (0.094)	1.3 (0.051)	0.5 (0.020)	0.10 $\pm 0.10$ (0.004 $\pm 0.004$ )	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 $\pm 0.3$ (0.287 $\pm 0.012$ )	4.3 $\pm 0.3$ (0.169 $\pm 0.012$ )	4.0 $\pm 0.3$ (0.157 $\pm 0.012$ )	2.4 (0.094)	1.3 (0.051)	0.5 (0.020)	0.10 $\pm 0.10$ (0.004 $\pm 0.004$ )	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 $\pm 0.3$ (0.287 $\pm 0.012$ )	4.3 $\pm 0.3$ (0.169 $\pm 0.012$ )	1.9 (0.075)	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)

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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Although all product-related warnings, cautions and notes must be observed, the customer should not assume that all safety measures are indicated or that other measures may not be required.

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