

T591/T598 High Humidity/High Temperature Automotive Grade Polymer Electrolytic

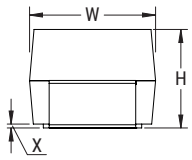
Sample Kit Contents

KEMET Part Number	Case Code/ Case Size	Rated Cap	Rated Voltage	DC Leakage	DF	ESR	Maximum Operating Temp	Quantity
	KEMET/EIA	μF	VDC at 105°C	μA at +25°C Max/5 Minutes	% at +25°C 120 Hz Max	mΩ at +25°C 100 kHz Max	°C	
T591V227M2R5ATE009	V/7343-20	220	2.5	55	10	9	105	10
T598D337M006ATE025	D/7343-31	330	6.3	208	10	25	125	10
T598B476M010ATE070	B/3528-21	47	10	47	8	70	125	10
T598D227M010ATE025	D/7343-31	220	10	220	10	25	125	10
T591B476M010ATE070	B/3528-21	47	10	47	8	70	125	10
T591D107M010ATE025	D/7343-31	100	10	100	10	25	125	10
T598D107M016ATE050	D/7343-31	100	16	160	10	50	125	10
T591D336M025ATE060	D/7343-31	33	25	82.5	10	60	125	10
T591V106M035ATE120	V/7343-20	10	35	35	10	120	125	10
T591D106M050ATE090	D/7343-31	10	50	50	10	90	125	10

Dimensions – Millimeters (Inches)

Metric will govern

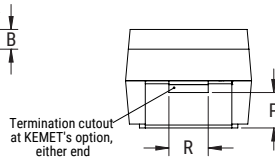
CATHODE (-) END VIEW



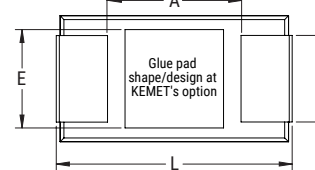
SIDE VIEW



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)
B	3528-21	3.5±0.2 (0.138±0.008)	2.8±0.2 (0.110±0.008)	1.9±0.1 (0.075±0.004)	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)
V	7343-20	7.3±0.3 (0.287±0.012)	4.3±0.3 (0.169±0.012)	2.0 max (0.079)	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 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.