

## Sample Kit Contents

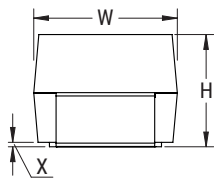
KEMET Part Number	Case Code/ Case Size	Rated Capacitance	Rated Voltage	DC Leakage	DF	ESR	Quantity
	KEMET/EIA	$\mu\text{F}$	VDC	$\mu\text{Amps} +25^\circ\text{C}$ Maximum/5 Minutes	% at $+25^\circ\text{C}$ 120 Hz Max	m $\Omega$ at $25^\circ\text{C}$ 100 kHz Max	
T523J687M006APE070	J/7360-15	680	6.3	428.0	10	70	10
T523V157M016APE050	V/7343-20	150	16	240.0	10	50	10
T523W157M016APE070	W/7343-15	150	16	240.0	10	70	10
T523J227M016APE070	J/7360-15	220	16	352.0	10	70	10
T523H337M016APE070	H/7360-20	330	16	528.0	10	70	10
T520H827M010ATE070	H/7360-20	820	10	820.0	20	70	10
T523W476M035APE100	W/7343-15	47	35	164.5	10	100	10

## Dimensions – Millimeters (Inches)

Metric will govern

For T520

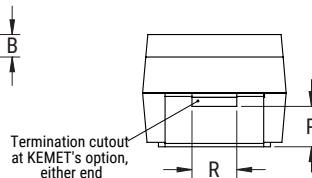
CATHODE (-) END VIEW



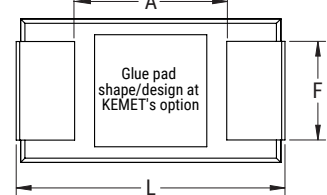
SIDE VIEW



ANODE (+) END VIEW



BOTTOM VIEW

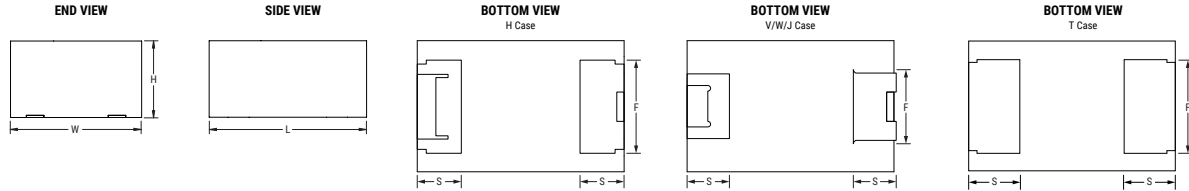


KEMET	EIA	L	W	H	F $\pm 0.1$ ( $\pm 0.004$ )	S $\pm 0.3$ ( $\pm 0.012$ )	B $\pm 0.15$ (Ref) $\pm 0.006$	X (Ref)	P (Ref)	T (Ref)	A (Min)	Total Weight (mg)
H	7360-20	7.3 $\pm 0.3$ (0.287 $\pm 0.012$ )	6.0 $\pm 0.3$ (0.236 $\pm 0.012$ )	1.9 $\pm 0.1$ (0.075 $\pm 0.004$ )	4.1 (0.161)	1.3 (0.051)	N/A	0.10 $\pm 0.10$ (0.004 $\pm 0.004$ )	N/A	0.13 (0.005)	3.3 (0.130)	385

## Dimensions – Millimeters (Inches) cont'd

Metric will govern

For T523/T548



KEMET	EIA	L	W	H	F ±0.1 (±0.004)	S ±0.3 (±0.012)	Total Weight (mg)
W	7343-15	7.3±0.3 (0.287±0.012)	4.3±0.3 (0.169±0.012)	1.4±0.1 (0.055±0.004)	2.4 (0.094)	1.3 (0.051)	223
J	7360-15	7.3±0.3 (0.287±0.012)	6.0±0.3 (0.236±0.012)	1.4±0.1 (0.055±0.004)	4.45 (0.175)	1.6 (0.063)	263
V	7343-20	7.3±0.3 (0.287±0.012)	4.3±0.3 (0.169±0.012)	1.9±0.1 (0.075±0.004)	2.4 (0.094)	1.3 (0.051)	274
H	7360-20	7.3±0.3 (0.287±0.012)	6.0±0.3 (0.236±0.012)	1.9±0.1 (0.075±0.004)	4.45 (0.175)	1.6 (0.063)	385

## 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.

## KEMET Electronics Corporation Sales Offices

For a complete list of our global sales offices, please visit [www.kemet.com/sales](http://www.kemet.com/sales).

---

### Disclaimer

YAGEO Corporation and its affiliates do not recommend the use of commercial or automotive grade products for high reliability applications or manned space flight.

All product specifications, statements, information and data (collectively, the "Information") in this datasheet are subject to change. The customer is responsible for checking and verifying the extent to which the Information contained in this publication is applicable to an order at the time the order is placed. All Information given herein is believed to be accurate and reliable, but it is presented without guarantee, warranty, or responsibility of any kind, expressed or implied.

Statements of suitability for certain applications are based on KEMET Electronics Corporation's ("KEMET") knowledge of typical operating conditions for such applications, but are not intended to constitute – and KEMET specifically disclaims – any warranty concerning suitability for a specific customer application or use. The Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by KEMET with reference to the use of KEMET's products is given gratis, and KEMET assumes no obligation or liability for the advice given or results obtained.

Although KEMET designs and manufactures its products to the most stringent quality and safety standards, given the current state of the art, isolated component failures may still occur. Accordingly, customer applications which require a high degree of reliability or safety should employ suitable designs or other safeguards (such as installation of protective circuitry or redundancies) in order to ensure that the failure of an electrical component does not result in a risk of personal injury or property damage.

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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[KEMET:](#)

[TAN ENG KIT 28](#)