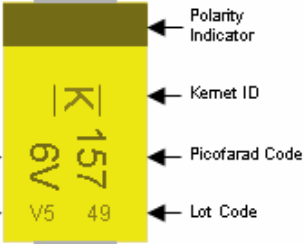
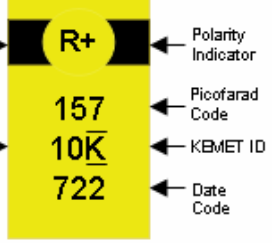


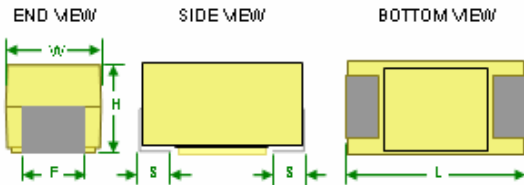
T495 Series - Low ESR, Surge Robust

Product Specification

Component Marking

| | | | | | |
|---|------------------|-------------------|--|------------------|------------------------|
|  | Date Code | |  | Date Code | |
| | 1st Digit = Year | 2nd Digit = Month | | 1st Digit = Year | 2nd & 3rd Digit = Week |
| S=2004 | 1=January | 4=2004 | 22= 22nd week | | |
| T=2005 | 2=February | 5=2005 | | | |
| U=2006 | 3=March | 6=2006 | | | |
| V=2007 | 4=April | 7=2007 | | | |
| W=2008 | 5=May | 8=2008 | | | |
| X=2009 | 6=June | 9=2009 | | | |
| | 7=July | | | | |
| | 8=August | | | | |
| | 9=September | | | | |
| | O=October | | | | |
| | N=November | | | | |
| | D=December | | | | |

Component Dimensions



| Case Codes | | Component Dimensions (mm) | | | | |
|------------|---------|---------------------------|---------|---------|---------|---------|
| KEMET | EIA | L | W | H | F ± 0.1 | S ± 0.3 |
| A | 3216-18 | 3.2±0.2 | 1.6±0.2 | 1.6±0.2 | 1.2 | 0.8 |
| B | 3528-21 | 3.5±0.2 | 2.8±0.2 | 1.9±0.2 | 2.2 | 0.8 |
| T | 3528-12 | 3.5±0.2 | 2.8±0.2 | 1.2 max | 2.2 | 0.8 |
| C | 6032-28 | 6.0±0.3 | 3.2±0.3 | 2.5±0.3 | 2.2 | 1.3 |
| U | 6032-15 | 6.0±0.3 | 3.2±0.3 | 1.5 max | 2.2 | 1.3 |
| W | 7343-15 | 7.3±0.3 | 4.3±0.3 | 1.5 max | 2.4 | 1.3 |
| V | 7343-20 | 7.3±0.3 | 4.3±0.3 | 2.0 max | 2.4 | 1.3 |
| D | 7343-31 | 7.3±0.3 | 4.3±0.3 | 2.8±0.3 | 2.4 | 1.3 |
| X | 7343-43 | 7.3±0.3 | 4.3±0.3 | 4.0±0.3 | 2.4 | 1.3 |
| E | 7260-38 | 7.3±0.3 | 6.0±0.3 | 3.6±0.3 | 4.1 | 1.3 |

Part Number and Electrical Specification Table

| KEMET Part Number | Case | Cap (µF) | Voltage | DCL V _r (µA) | DF 120Hz (%) | ESR 100KHz (mΩ) | Ripple Current (mArms) @100KHz | | |
|----------------------|-----------|----------|---------|-------------------------|--------------|-----------------|--------------------------------|--------|---------|
| | | | | | | | @ 25°C | @ 85°C | @ 125°C |
| T495X108(1)006ZTE100 | X/7343-43 | 1000 | 6.3 | 63.0 | 20.0 | 100 | 1284 | 1156 | 514 |
| T495C226(1)010ZTE245 | C/6032-28 | 22 | 10 | 2.2 | 6.0 | 245 | 670 | 603 | 268 |
| T495B226M010ZTA1K5 | B/3528-21 | 22 | 50 | 11.0 | 6.0 | 1500 | 238 | 214 | 95 |
| T495B106M016ZTA1K6 | B/3528-21 | 10 | 2.5 | 0.3 | 6.0 | 1600 | 230 | 207 | 92 |

(1) To complete KEMET part number, insert "K" for +/- 10% or "M" for +/- 20% capacitance tolerance

(2) To complete KEMET part number, insert lead material designator "T" for 100% tin (Sn) termination or "H" for tin/lead (Sn/Pb) termination