# TANTALUM DIPPED / RADIAL - POLAR

## T350, T351, T352, T353, T354, T355 & T356 SERIES "ULTRADIP II"

The KEMET 'UltraDip II' Capacitors offer the designer of quality instruments and entertainment systems the widely recognized advantages inherent in solid tantalum capacitors at competitive prices.

The 'UltraDip II' Series, miniature dipped solid tantalum capacitors, provide the designer with the advantage of compactness plus low leakage and low DF performance characteristics for filtering, bypassing, coupling, blocking and RC timing circuits. This series features a capacitance range from 0.1 to 680 microfarads at voltages from 3 to 50 VDC. 'UltraDip II' capacitors utilize the same sophisticated materials and processes which have advanced KEMET Electronics Corporation to the leadership position in solid tantalum capacitors.

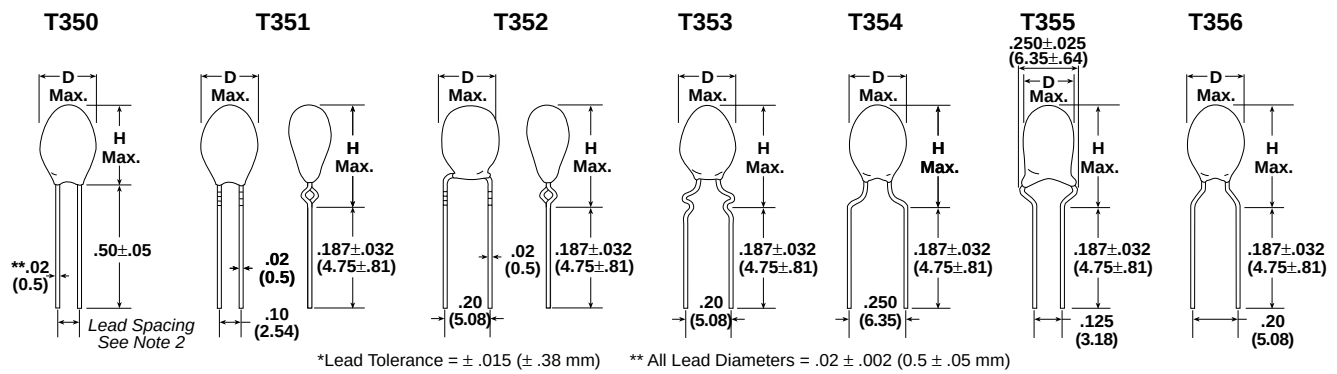
The plastic case provides a tough barrier coating and maintains precision of lead wire spacing within ±0.015 inch. The gold color epoxy utilized permits Laser marking with outstanding permanency and legibility. All case sizes are printed with capacitance, voltage, polarity and vendor identification.

Solid tantalum devices exhibit no degradation failure mode during shelf storage and show a constantly decreasing failure rate (i.e., absence of wearout mechanism) during life tests.

The 'UltraDip II' Series provides self-insulating cases which are resistant to shock and vibration. These capacitors exhibit low DCL, ESR and Impedance and have excellent temperature stability.

**Effective June 30, 2005 the T35x Series is RoHS compliant.**

## CAPACITOR OUTLINE DRAWINGS




*Lead Tolerance = ± .015 (± .38 mm) ** All Lead Diameters = .02 ± .002 (0.5 ± .05 mm)

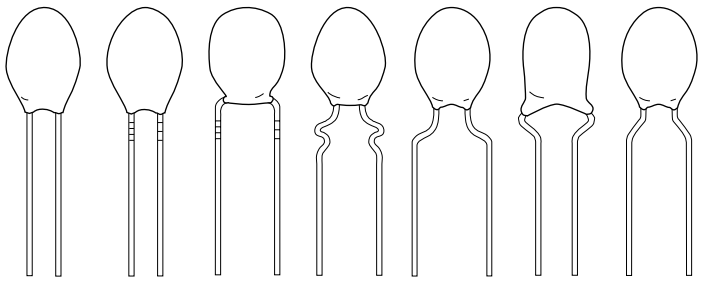
## DIMENSIONS — INCHES (MILLIMETERS)

| | All | T350 | T351 | T352 | T353 | T354 | T355 | T356 |
|---|---|---|---|---|---|---|---|---|
| Case Size | D Max Diameter | H(1) Max Height | H(1) Max Height | H(1) Max Height | H(1) Max Height | H(1) Max Height | H(1) Max Height | H(1) Max Height |
| A | .175 (4.5) | .280 (7.1) | .380 (9.6) | .400 (10.2) | .400 (10.2) | .340 (8.6) | .340 (8.6) | .340 (8.6) |
| B | .175 (4.5) | .300 (7.6) | .390 (9.9) | .410 (10.4) | .410 (10.4) | .350 (8.9) | .350 (8.9) | .350 (8.9) |
| C | .196 (5.0) | .330 (8.4) | .420 (10.7) | .440 (11.2) | .440 (11.2) | .380 (9.6) | .380 (9.6) | .380 (9.6) |
| D | .196 (5.0) | .340 (8.6) | .430 (10.9) | .450 (11.4) | .450 (11.4) | .390 (9.9) | .390 (9.9) | .390 (9.9) |
| E | .216 (5.5) | .350 (8.9) | .440 (11.2) | .460 (11.7) | .460 (11.7) | .400 (10.2) | .400 (10.2) | .400 (10.2) |
| F | .236 (6.0) | .390 (9.9) | .480 (12.2) | .500 (12.7) | .500 (12.7) | .440 (11.2) | .440 (11.2) | .440 (11.2) |
| G | .250 (6.3) | .400 (10.2) | .490 (12.4) | .510 (13.0) | .510 (13.0) | .450 (11.4) | .450 (11.4) | .450 (11.4) |
| H | .300 (7.6) | .400 (10.2) | .500 (12.7) | .520 (13.2) | .520 (13.2) | .470 (11.9) | .470 (11.9) | .470 (11.9) |
| J(2) | .330 (8.4) | .500 (12.7) | Note 3 | Note 3 | .580 (14.7) | .550 (14.0) | Note 3 | .550 (14.0) |
| K(2) | .350 (8.9) | .530 (13.5) | | | .630 (16.0) | .610 (15.5) | | .610 (15.5) |
| L(2) | .350 (8.9) | .630 (16.0) | | | .730 (18.5) | .710 (18.1) | | .710 (18.1) |
| M(2) | .400 (10.2) | .670 (17.0) | | | .760 (19.3) | .740 (18.8) | | .740 (18.8) |

NOTES: (1) All "H" Dimensions are from Capacitor seating plane to top of Capacitor.
(2) On T350 Series, case sizes A-H are supplied with .100"(2.54) lead spacing—case sizes J-M are supplied with .200"(5.08) lead spacing.
(3) These case sizes are not available for T351, T352 & T355 capacitors.

## LEAD CONFIGURATION & SPACING CHART

| CASE | LEAD CONFIGURATION | SERIES T350 | T351 | T352 | T353 | T354 | T355 | T356 |
|---|---|---|---|---|---|---|---|---|
| A-H | .100 | X | X | | | | | |
| | .125 | | | | | | X | |
| | .200 | | | X | X | | | X |
| | .250 | | | | | X | | |
| | STRAIGHT LEAD | X | | | | | | |
| | STAND OFF | | X | X | | X | X | X |
| | SNAP-IN | | | | X | | | |
| J-M | .100 | | | | | | | |
| | .125 | | "NOT AVAILABLE" | "NOT AVAILABLE" | | | "NOT AVAILABLE" | |
| | .200 | X | | | X | | | X |
| | .250 | | | | | X | | |
| | STRAIGHT LEAD | X | | | | | | |
| | STAND OFF | | | | | X | | X |
| | SNAP-IN | | | | X | | | |



### T35X & T36X ORDERING INFORMATION

T 3XX A 105 M 035 A S*

**TANTALUM**

**SERIES**
Insert appropriate number to replace letter "X" — 350, 351, 352, 353, 354, 355, 356, 363, 368, or 369.

**CASE SIZE**
A, B, C, D, E, F, G, H, J, K, L & M

**PICOFARAD CODE**
First two digits are significant figures. Third figure is the number of zeros following.

**LEAD MATERIAL**
S — Sn/Pb (tin/lead)
T – 100% Sn (tin)

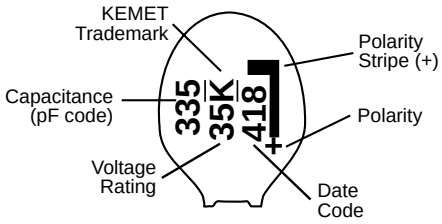
**FAILURE RATE LEVEL**
A — Not Applicable

**VOLTAGE RATING**
For 6.3 Volts use 006

**CAPACITANCE TOLERANCE**
M — ±20%
K — ±10%
J — ±5% Available on special order.
*T363 & T369 capacitors available only with M & K tolerances

***Part Number Example: T350A105M035AS (14 digits – no spaces)**

### T35X & T368 MARKING INFORMATION




### T35X RATINGS AND PART NUMBER REFERENCE

| CAPAC-ITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSI-PATION FACTOR %@25°C, 120Hz |
|---|---|---|---|---|
| **3 VOLT RATING AT 85°C — 2 VOLT RATING AT 125°C** | | | | |
| 4.7 | A | T35(1)A475(3)003A(4) | 0.5 | 5 |
| 5.6 | A | T35(1)A565(3)003A(4) | 0.5 | 5 |
| 6.8 | A | T35(1)A685(3)003A(4) | 0.5 | 5 |
| 8.2 | A | T35(1)A825(3)003A(4) | 0.5 | 6 |
| 10.0 | A | T35(1)A106(3)003A(4) | 0.5 | 6 |
| 12.0 | B | T35(1)B126(3)003A(4) | 0.5 | 6 |
| 15.0 | B | T35(1)B156(3)003A(4) | 0.5 | 6 |
| 18.0 | C | T35(1)C186(3)003A(4) | 0.5 | 6 |
| 22.0 | C | T35(1)C226(3)003A(4) | 0.5 | 6 |
| 27.0 | D | T35(1)D276(3)003A(4) | 0.6 | 6 |
| 33.0 | D | T35(1)D336(3)003A(4) | 0.8 | 6 |
| 39.0 | E | T35(1)E396(3)003A(4) | 0.9 | 6 |
| 47.0 | E | T35(1)E476(3)003A(4) | 1.1 | 6 |
| 56.0 | F | T35(1)F566(3)003A(4) | 1.3 | 6 |
| 68.0 | F | T35(1)F686(3)003A(4) | 1.6 | 6 |
| 82.0 | G | T35(1)G826(3)003A(4) | 2.0 | 8 |
| 100.0 | G | T35(1)G107(3)003A(4) | 2.4 | 8 |
| 120.0 | H | T35(1)H127(3)003A(4) | 2.9 | 8 |
| 150.0 | H | T35(1)H157(3)003A(4) | 3.6 | 8 |
| 180.0 | J | T35(2)J187(3)003A(4) | 4.3 | 8 |
| 220.0 | J | T35(2)J227(3)003A(4) | 5.3 | 8 |
| 270.0 | K | T35(2)K277(3)003A(4) | 6.5 | 8 |
| 330.0 | K | T35(2)K337(3)003A(4) | 7.9 | 8 |
| 390.0 | L | T35(2)L397(3)003A(4) | 9.4 | 9 |
| 470.0 | L | T35(2)L477(3)003A(4) | 10.0 | 9 |
| 560.0 | M | T35(2)M567(3)003A(4) | 10.0 | 9 |
| 680.0 | M | T35(2)M687(3)003A(4) | 10.0 | 9 |

| CAPAC-ITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSI-PATION FACTOR %@25°C, 120Hz |
|---|---|---|---|---|
| **6.3 VOLT RATING AT 85°C — 4 VOLT RATING AT 125°C** | | | | |
| 3.3 | A | T35(1)A335(3)006A(4) | 0.5 | 5 |
| 3.9 | A | T35(1)A395(3)006A(4) | 0.5 | 5 |
| 4.7 | A | T35(1)A475(3)006A(4) | 0.5 | 5 |
| 5.6 | A | T35(1)A565(3)006A(4) | 0.5 | 5 |
| 6.8 | A | T35(1)A685(3)006A(4) | 0.5 | 5 |
| 8.2 | B | T35(1)B825(3)006A(4) | 0.5 | 6 |
| 10.0 | B | T35(1)B106(3)006A(4) | 0.5 | 6 |
| 12.0 | C | T35(1)C126(3)006A(4) | 0.6 | 6 |
| 15.0 | C | T35(1)C156(3)006A(4) | 0.7 | 6 |
| 18.0 | D | T35(1)D186(3)006A(4) | 0.9 | 6 |
| 22.0 | D | T35(1)D226(3)006A(4) | 1.1 | 6 |
| 27.0 | E | T35(1)E276(3)006A(4) | 1.3 | 6 |
| 33.0 | E | T35(1)E336(3)006A(4) | 1.6 | 6 |
| 39.0 | F | T35(1)F396(3)006A(4) | 1.9 | 6 |
| 47.0 | F | T35(1)F476(3)006A(4) | 2.3 | 6 |
| 56.0 | G | T35(1)G566(3)006A(4) | 2.7 | 6 |
| 68.0 | G | T35(1)G686(3)006A(4) | 3.3 | 6 |
| 82.0 | H | T35(1)H826(3)006A(4) | 3.9 | 8 |
| 100.0 | H | T35(1)H107(3)006A(4) | 4.8 | 8 |
| 120.0 | J | T35(2)J127(3)006A(4) | 5.8 | 8 |
| 150.0 | J | T35(2)J157(3)006A(4) | 7.2 | 8 |
| 180.0 | K | T35(2)K187(3)006A(4) | 8.6 | 8 |
| 220.0 | K | T35(2)K227(3)006A(4) | 10.0 | 8 |
| 270.0 | L | T35(2)L277(3)006A(4) | 10.0 | 8 |
| 330.0 | L | T35(2)L337(3)006A(4) | 10.0 | 8 |

(1) To complete KEMET Part Number, insert Series Designation as follows: "0" = T350, "1" = T351, "2" = T352, "3" = T353, "4" = T354, "5" = T355, "6" = T356.
(2) To complete KEMET Part Number, insert only Series Designation as follows: "0" = T350, "3" = T353, "4" = T354, "6" = T356.
(3) To complete KEMET Part Number, insert Capacitance Tolerance Symbol: "M" = ±20%, "K" = ±10%.
(4) To complete KEMET Part Number, insert Lead Material designation : S = SnPb (tin/lead) and T = 100% Sn (tin).
NOTE: Higher voltage and better capacitance tolerance product may be substituted for an order within the same case size at KEMET's option.

## T35X

## RATINGS AND PART NUMBER REFERENCE

| CAPACITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSIPATION FACTOR %@25°C, 120Hz |
|---|---|---|---|---|
| **10 VOLT RATING AT 85°C — 7 VOLT RATING AT 125°C** | | | | |
| 2.2 | A | T35(1)A225(3)010A(4) | 0.5 | 5 |
| 2.7 | A | T35(1)A275(3)010A(4) | 0.5 | 5 |
| 3.3 | A | T35(1)A335(3)010A(4) | 0.5 | 5 |
| 3.9 | A | T35(1)A395(3)010A(4) | 0.5 | 5 |
| **4.7** | **A** | **T35(1)A475(3)010A(4)** | **0.5** | **5** |
| 5.6 | B | T35(1)B565(3)010A(4) | 0.5 | 5 |
| 6.8 | B | T35(1)B685(3)010A(4) | 0.5 | 5 |
| 8.2 | C | T35(1)C825(3)010A(4) | 0.7 | 6 |
| 10.0 | C | T35(1)C106(3)010A(4) | 0.8 | 6 |
| 12.0 | E | T35(1)E126(3)010A(4) | 1.0 | 6 |
| 15.0 | E | T35(1)E156(3)010A(4) | 1.2 | 6 |
| 18.0 | E | T35(1)E186(3)010A(4) | 1.4 | 6 |
| 22.0 | E | T35(1)E226(3)010A(4) | 1.8 | 6 |
| 27.0 | F | T35(1)F276(3)010A(4) | 2.2 | 6 |
| **33.0** | **F** | **T35(1)F336(3)010A(4)** | **2.6** | **6** |
| 39.0 | G | T35(1)G396(3)010A(4) | 3.1 | 6 |
| 47.0 | H | T35(1)H476(3)010A(4) | 3.8 | 6 |
| 56.0 | H | T35(1)H566(3)010A(4) | 4.5 | 6 |
| 68.0 | H | T35(1)H686(3)010A(4) | 5.4 | 6 |
| 82.0 | J | T35(2)J826(3)010A(4) | 6.6 | 8 |
| **100.0** | **J** | **T35(2)J107(3)010A(4)** | **8.0** | **8** |
| 120.0 | K | T35(2)K127(3)010A(4) | 9.6 | 8 |
| 150.0 | K | T35(2)K157(3)010A(4) | 10.0 | 8 |
| 180.0 | L | T35(2)L187(3)010A(4) | 10.0 | 8 |
| 220.0 | L | T35(2)L227(3)010A(4) | 10.0 | 8 |
| **16 VOLT RATING AT 85°C — 10 VOLT RATING AT 125°C** | | | | |
| 1.5 | A | T35(1)A155(3)016A(4) | 0.5 | 5 |
| 1.8 | A | T35(1)A185(3)016A(4) | 0.5 | 5 |
| **2.2** | **A** | **T35(1)A225(3)016A(4)** | **0.5** | **5** |
| 2.7 | A | T35(1)A275(3)016A(4) | 0.5 | 5 |
| 3.3 | A | T35(1)A335(3)016A(4) | 0.5 | 5 |
| 3.9 | B | T35(1)B395(3)016A(4) | 0.5 | 5 |
| **4.7** | **B** | **T35(1)B475(3)016A(4)** | **0.6** | **5** |
| 5.6 | C | T35(1)C565(3)016A(4) | 0.7 | 5 |
| 6.8 | C | T35(1)C685(3)016A(4) | 0.9 | 5 |
| 8.2 | E | T35(1)E825(3)016A(4) | 1.0 | 6 |
| **10.0** | **E** | **T35(1)E106(3)016A(4)** | **1.3** | **6** |
| 12.0 | E | T35(1)E126(3)016A(4) | 1.5 | 6 |
| 15.0 | E | T35(1)E156(3)016A(4) | 1.8 | 6 |
| 18.0 | F | T35(1)F186(3)016A(4) | 2.2 | 6 |
| **22.0** | **F** | **T35(1)F226(3)016A(4)** | **2.6** | **6** |
| 27.0 | H | T35(1)H276(3)016A(4) | 3.2 | 6 |
| 33.0 | H | T35(1)H336(3)016A(4) | 4.0 | 6 |
| 39.0 | J | T35(2)J396(3)016A(4) | 4.7 | 6 |
| **47.0** | **J** | **T35(2)J476(3)016A(4)** | **5.6** | **6** |
| 56.0 | K | T35(2)K566(3)016A(4) | 6.8 | 6 |
| **68.0** | **K** | **T35(2)K686(3)016A(4)** | **8.2** | **6** |
| 82.0 | L | T35(2)L826(3)016A(4) | 9.8 | 8 |
| **100.0** | **L** | **T35(2)L107(3)016A(4)** | **10.0** | **8** |
| 120.0 | M | T35(2)M127(3)016A(4) | 10.0 | 8 |
| 150.0 | M | T35(2)M157(3)016A(4) | 10.0 | 8 |

| CAPACITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSIPATION FACTOR %@25°C, 120Hz |
|---|---|---|---|---|
| **20 VOLT RATING AT 85°C — 13 VOLT RATING AT 125°C** | | | | |
| 1.0 | A | T35(1)A105(3)020A(4) | 0.5 | 5 |
| 1.2 | A | T35(1)A125(3)020A(4) | 0.5 | 5 |
| 1.5 | A | T35(1)A155(3)020A(4) | 0.5 | 5 |
| 1.8 | A | T35(1)A185(3)020A(4) | 0.5 | 5 |
| 2.2 | A | T35(1)A225(3)020A(4) | 0.5 | 5 |
| 2.7 | B | T35(1)B275(3)020A(4) | 0.5 | 5 |
| 3.3 | B | T35(1)B335(3)020A(4) | 0.5 | 5 |
| 3.9 | C | T35(1)C395(3)020A(4) | 0.6 | 5 |
| 4.7 | C | T35(1)C475(3)020A(4) | 0.8 | 5 |
| 5.6 | D | T35(1)D565(3)020A(4) | 0.9 | 5 |
| 6.8 | D | T35(1)D685(3)020A(4) | 1.1 | 5 |
| 8.2 | E | T35(1)E825(3)020A(4) | 1.3 | 6 |
| 10.0 | E | T35(1)E106(3)020A(4) | 1.6 | 6 |
| 12.0 | F | T35(1)F126(3)020A(4) | 1.9 | 6 |
| 15.0 | F | T35(1)F156(3)020A(4) | 2.4 | 6 |
| 18.0 | G | T35(1)G186(3)020A(4) | 2.9 | 6 |
| 22.0 | G | T35(1)G226(3)020A(4) | 3.5 | 6 |
| 27.0 | J | T35(2)J276(3)020A(4) | 4.3 | 6 |
| 33.0 | J | T35(2)J336(3)020A(4) | 5.3 | 6 |
| 39.0 | K | T35(2)K396(3)020A(4) | 6.2 | 6 |
| 47.0 | K | T35(2)K476(3)020A(4) | 7.5 | 6 |
| 56.0 | L | T35(2)L566(3)020A(4) | 9.0 | 6 |
| 68.0 | L | T35(2)L686(3)020A(4) | 10.0 | 6 |
| 82.0 | M | T35(2)M826(3)020A(4) | 10.0 | 8 |
| **100.0** | **M** | **T35(2)M107(3)020A(4)** | **10.0** | **8** |
| **25 VOLT RATING AT 85°C — 16.5 VOLT RATING AT 125°C** | | | | |
| **1.0** | **A** | **T35(1)A105(3)025A(4)** | **0.5** | **5** |
| 1.2 | A | T35(1)A125(3)025A(4) | 0.5 | 5 |
| 1.5 | A | T35(1)A155(3)025A(4) | 0.5 | 5 |
| 1.8 | A | T35(1)A185(3)025A(4) | 0.5 | 5 |
| **2.2** | **B** | **T35(1)B225(3)025A(4)** | **0.5** | **5** |
| 2.7 | B | T35(1)B275(3)025A(4) | 0.5 | 5 |
| 3.3 | B | T35(1)B335(3)025A(4) | 0.7 | 5 |
| 3.9 | C | T35(1)C395(3)025A(4) | 0.8 | 5 |
| 4.7 | C | T35(1)C475(3)025A(4) | 0.9 | 5 |
| 5.6 | E | T35(1)E565(3)025A(4) | 1.1 | 5 |
| 6.8 | E | T35(1)E685(3)025A(4) | 1.4 | 5 |
| 8.2 | E | T35(1)E825(3)025A(4) | 1.6 | 6 |
| **10.0** | **E** | **T35(1)E106(3)025A(4)** | **2.0** | **6** |
| 12.0 | G | T35(1)G126(3)025A(4) | 2.4 | 6 |
| **15.0** | **G** | **T35(1)G156(3)025A(4)** | **3.0** | **6** |
| 18.0 | H | T35(1)H186(3)025A(4) | 3.6 | 6 |
| **22.0** | **H** | **T35(1)H226(3)025A(4)** | **4.4** | **6** |
| 27.0 | J | T35(2)J276(3)025A(4) | 5.4 | 6 |
| 33.0 | J | T35(2)J336(3)025A(4) | 6.6 | 6 |
| 39.0 | K | T35(2)K396(3)025A(4) | 7.8 | 6 |
| **47.0** | **K** | **T35(2)K476(3)025A(4)** | **9.4** | **6** |
| 56.0 | L | T35(2)L566(3)025A(4) | 10.0 | 6 |
| 68.0 | L | T35(2)L686(3)025A(4) | 10.0 | 6 |

(1) To complete KEMET Part Number, insert Series Designation as follows: "0" = T350, "1" = T351, "2" = T352, "3" = T353, "4" = T354, "5" = T355, "6" = T356.
(2) To complete KEMET Part Number, insert only Series Designation as follows: "0" = T350, "3" = T353, "4" = T354, "6" = T356.
(3) To complete KEMET Part Number, insert Capacitance Tolerance Symbol: "M" = ±20%, "K" = ±10%.
(4) To complete KEMET Part Number, insert Lead Material Designation as follows: S = Sn/Pb (tin/lead) and T = 100% Sn (tin).
NOTE: Higher voltage and better capacitance tolerance product may be substituted for an order within the same case size at KEMET's option.

## T35X
## RATINGS AND PART NUMBER REFERENCE

| CAPACITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSIPATION FACTOR %@25°C, 120Hz |
|---|---|---|---|---|
| **35 VOLT RATING AT 85°C — 23 VOLT RATING AT 125°C** | | | | |
| 0.10 | A | T35(1)A104(3)035A(4) | 0.5 | 3 |
| 0.12 | A | T35(1)A124(3)035A(4) | 0.5 | 3 |
| 0.15 | A | T35(1)A154(3)035A(4) | 0.5 | 3 |
| 0.18 | A | T35(1)A184(3)035A(4) | 0.5 | 3 |
| 0.22 | A | T35(1)A224(3)035A(4) | 0.5 | 3 |
| 0.27 | A | T35(1)A274(3)035A(4) | 0.5 | 3 |
| 0.33 | A | T35(1)A334(3)035A(4) | 0.5 | 3 |
| 0.39 | A | T35(1)A394(3)035A(4) | 0.5 | 3 |
| 0.47 | A | T35(1)A474(3)035A(4) | 0.5 | 3 |
| 0.56 | A | T35(1)A564(3)035A(4) | 0.5 | 3 |
| 0.68 | A | T35(1)A684(3)035A(4) | 0.5 | 3 |
| 0.82 | A | T35(1)A824(3)035A(4) | 0.5 | 3 |
| **1.0** | **A** | **T35(1)A105(3)035A(4)** | **0.5** | **3** |
| 1.2 | B | T35(1)B125(3)035A(4) | 0.5 | 5 |
| 1.5 | B | T35(1)B155(3)035A(4) | 0.5 | 5 |
| 1.8 | C | T35(1)C185(3)035A(4) | 0.5 | 5 |
| **2.2** | **C** | **T35(1)C225(3)035A(4)** | **0.6** | **5** |
| 2.7 | D | T35(1)D275(3)035A(4) | 0.7 | 5 |
| 3.3 | D | T35(1)D335(3)035A(4) | 0.9 | 5 |
| 3.9 | E | T35(1)E395(3)035A(4) | 1.0 | 5 |
| **4.7** | **E** | **T35(1)E475(3)035A(4)** | **1.3** | **5** |
| 5.6 | F | T35(1)F565(3)035A(4) | 1.6 | 5 |
| **6.8** | **F** | **T35(1)F685(3)035A(4)** | **1.9** | **5** |
| 8.2 | G | T35(1)G825(3)035A(4) | 2.3 | 6 |
| **10.0** | **G** | **T35(1)G106(3)035A(4)** | **2.8** | **6** |
| 12.0 | J | T35(2)J126(3)035A(4) | 3.4 | 6 |
| 15.0 | J | T35(2)J156(3)035A(4) | 4.2 | 6 |
| 18.0 | K | T35(2)K186(3)035A(4) | 5.0 | 6 |
| **22.0** | **K** | **T35(2)K226(3)035A(4)** | **6.2** | **6** |
| 27.0 | L | T35(2)L276(3)035A(4) | 7.6 | 6 |
| 33.0 | L | T35(2)L336(3)035A(4) | 9.2 | 6 |
| 39.0 | M | T35(2)M396(3)035A(4) | 10.0 | 6 |
| **47.0** | **M** | **T35(2)M476(3)035A(4)** | **10.0** | **6** |

| CAPACITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSIPATION FACTOR %@25°C, 120Hz |
|---|---|---|---|---|
| **50 VOLT RATING AT 85°C — 33 VOLT RATING AT 125°C** | | | | |
| 0.10 | A | T35(1)A104(3)050A(4) | 0.5 | 3 |
| 0.12 | A | T35(1)A124(3)050A(4) | 0.5 | 3 |
| 0.15 | A | T35(1)A154(3)050A(4) | 0.5 | 3 |
| 0.18 | A | T35(1)A184(3)050A(4) | 0.5 | 3 |
| 0.22 | A | T35(1)A224(3)050A(4) | 0.5 | 3 |
| 0.27 | A | T35(1)A274(3)050A(4) | 0.5 | 3 |
| 0.33 | A | T35(1)A334(3)050A(4) | 0.5 | 3 |
| 0.39 | B | T35(1)B394(3)050A(4) | 0.5 | 3 |
| 0.47 | B | T35(1)B474(3)050A(4) | 0.5 | 3 |
| 0.56 | B | T35(1)B564(3)050A(4) | 0.5 | 3 |
| 0.68 | B | T35(1)B684(3)050A(4) | 0.5 | 3 |
| 0.82 | B | T35(1)B824(3)050A(4) | 0.5 | 3 |
| **1.0** | **B** | **T35(1)B105(3)050A(4)** | **0.5** | **3** |
| 1.2 | D | T35(1)D125(3)050A(4) | 0.5 | 5 |
| 1.5 | E | T35(1)E155(3)050A(4) | 0.6 | 5 |
| 1.8 | E | T35(1)E185(3)050A(4) | 0.7 | 5 |
| 2.2 | E | T35(1)E225(3)050A(4) | 0.9 | 5 |
| 2.7 | F | T35(1)F275(3)050A(4) | 1.1 | 5 |
| 3.3 | F | T35(1)F335(3)050A(4) | 1.3 | 5 |
| 3.9 | G | T35(1)G395(3)050A(4) | 1.6 | 5 |
| 4.7 | G | T35(1)G475(3)050A(4) | 1.9 | 5 |
| 5.6 | H | T35(1)H565(3)050A(4) | 2.2 | 5 |
| **6.8** | **J** | **T35(2)J685(3)050A(4)** | **2.7** | **5** |
| 8.2 | J | T35(2)J825(3)050A(4) | 3.3 | 6 |
| **10.0** | **K** | **T35(2)K106(3)050A(4)** | **4.0** | **6** |
| 12.0 | K | T35(2)K126(3)050A(4) | 4.8 | 6 |
| 15.0 | L | T35(2)L156(3)050A(4) | 6.0 | 6 |
| 18.0 | L | T35(2)L186(3)050A(4) | 7.2 | 6 |
| 22.0 | M | T35(2)M226(3)050A(4) | 8.8 | 6 |

(1) To complete KEMET Part Number, insert Series Designation as follows: "0" = T350, "1" = T351, "2" = T352, "3" = T353, "4" = T354, "5" = T355, "6" = T356.
(2) To complete KEMET Part Number, insert only Series Designation as follows: "0" = T350, "3" = T353, "4" = T354, "6" = T356.
(3) To complete KEMET Part Number, insert Capacitance Tolerance Symbol: "M" = ±20%, "K" = ±10%.
(4) To complete KEMET Part Number, insert Lead Material Designation as follows: S = Sn/Pb (tin/lead) and T = 100% Tin.
Note: Higher voltage and better capacitance tolerance product may be substituted for an order within the same case size at KEMET's option.