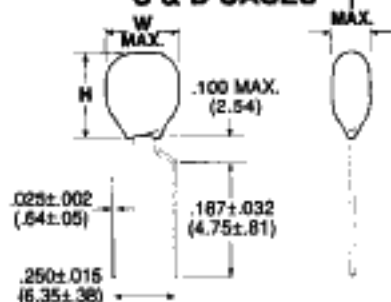


**T368 CAPACITOR OUTLINE DRAWING
C & D CASES**



**T368
DIMENSIONS — INCHES + (MILLIMETERS)**

| CASE SIZE | TMAX | WMAX | HMAX |
|-----------|-----------------|------------------|-----------------|
| C | 0.250 (6.35) | 0.40 (10.16) | 0.42 (10.67) |
| D | 0.250 (6.35) | 0.460 (11.68) | 0.52 (13.20) |

**T368
RATINGS AND PART NUMBER REFERENCE**

| CAPACITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSIPATION FACTOR %@25°C, 120Hz |
|-------------------------------|--------------|-------------------|----------------------------|---|
| 6 VOLT RATING AT 85°C | | | | |
| 82.0 | C | T368C826(1)006AS | 3.9 | 8 |
| 100.0 | C | T368C107(1)006AS | 4.8 | 8 |
| 120.0 | C | T368C127(1)006AS | 5.8 | 8 |
| 150.0 | C | T368C157(1)006AS | 7.2 | 8 |
| 180.0 | D | T368D187(1)006AS | 8.6 | 8 |
| 220.0 | D | T368D227(1)006AS | 10.0 | 8 |
| 270.0 | D | T368D277(1)006AS | 10.0 | 8 |
| 330.0 | D | T368D337(1)006AS | 10.0 | 8 |
| 10 VOLT RATING AT 85°C | | | | |
| 47.0 | C | T368C476(1)010AS | 3.8 | 6 |
| 56.0 | C | T368C566(1)010AS | 4.4 | 6 |
| 68.0 | C | T368C686(1)010AS | 5.4 | 6 |
| 82.0 | C | T368C826(1)010AS | 6.5 | 8 |
| 100.0 | C | T368C107(1)010AS | 8.0 | 8 |
| 120.0 | D | T368D127(1)010AS | 9.6 | 8 |
| 150.0 | D | T368D157(1)010AS | 10.0 | 8 |
| 180.0 | D | T368D187(1)010AS | 10.0 | 8 |
| 220.0 | D | T368D227(1)010AS | 10.0 | 8 |
| 15 VOLT RATING AT 85°C | | | | |
| 27.0 | C | T368C276(1)015AS | 3.2 | 6 |
| 33.0 | C | T368C336(1)015AS | 4.0 | 6 |
| 39.0 | C | T368C396(1)015AS | 4.7 | 6 |
| 47.0 | C | T368C476(1)015AS | 5.6 | 6 |
| 56.0 | C | T368C566(1)015AS | 6.8 | 6 |
| 68.0 | C | T368C686(1)015AS | 8.2 | 6 |
| 82.0 | D | T368D826(1)015AS | 9.8 | 8 |
| 100.0 | D | T368D107(1)015AS | 10.0 | 8 |
| 120.0 | D | T368D127(1)015AS | 10.0 | 8 |
| 150.0 | D | T368D157(1)015AS | 10.0 | 8 |
| 20 VOLT RATING AT 85°C | | | | |
| 18.0 | C | T368C186(1)020AS | 2.8 | 6 |
| 22.0 | C | T368C226(1)020AS | 3.5 | 8 |
| 27.0 | C | T368C276(1)020AS | 4.3 | 6 |
| 33.0 | C | T368C336(1)020AS | 5.3 | 6 |
| 39.0 | C | T368C396(1)020AS | 6.2 | 6 |
| 47.0 | C | T368C476(1)020AS | 7.5 | 6 |
| 56.0 | D | T368D566(1)020AS | 8.9 | 6 |
| 68.0 | D | T368D686(1)020AS | 10.0 | 6 |
| 82.0 | D | T368D826(1)020AS | 10.0 | 8 |
| 100.0 | D | T368D107(1)020AS | 10.0 | 8 |

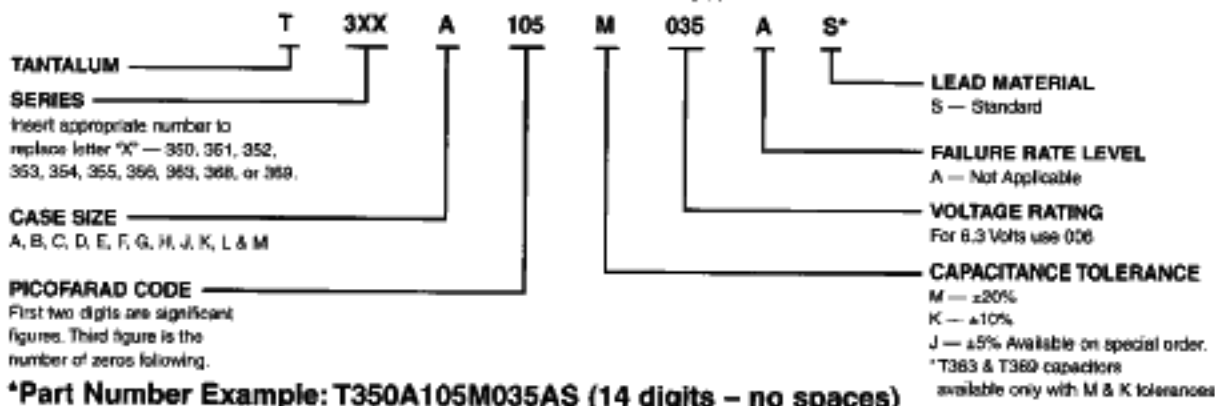
| CAPACITANCE µF | CASE SIZE | KEMET PART NUMBER | D.C. LEAKAGE µA@25°C | MAX. DISSIPATION FACTOR %@25°C, 120Hz |
|-------------------------------|--------------|-------------------|----------------------------|---|
| 25 VOLT RATING AT 85°C | | | | |
| 12.0 | C | T368C126(1)025AS | 2.4 | 6 |
| 15.0 | C | T368C156(1)025AS | 3.0 | 6 |
| 18.0 | C | T368C186(1)025AS | 3.6 | 6 |
| 22.0 | C | T368C226(1)025AS | 4.4 | 6 |
| 27.0 | C | T368C276(1)025AS | 5.4 | 6 |
| 33.0 | C | T368C336(1)025AS | 6.6 | 6 |
| 39.0 | D | T368D396(1)025AS | 7.8 | 6 |
| 47.0 | D | T368D476(1)025AS | 9.4 | 6 |
| 56.0 | D | T368D566(1)025AS | 10.0 | 6 |
| 68.0 | D | T368D686(1)025AS | 10.0 | 6 |
| 35 VOLT RATING AT 85°C | | | | |
| 8.2 | C | T368C825(1)035AS | 2.3 | 6 |
| 10.0 | C | T368C106(1)035AS | 2.8 | 6 |
| 12.0 | C | T368C126(1)035AS | 3.3 | 6 |
| 15.0 | C | T368C156(1)035AS | 4.2 | 6 |
| 18.0 | C | T368C186(1)035AS | 5.0 | 6 |
| 22.0 | C | T368C226(1)035AS | 6.2 | 6 |
| 27.0 | D | T368D276(1)035AS | 7.5 | 6 |
| 33.0 | D | T368D336(1)035AS | 9.2 | 6 |
| 39.0 | D | T368D396(1)035AS | 10.0 | 6 |
| 47.0 | D | T368D476(1)035AS | 10.0 | 6 |
| 50 VOLT RATING AT 85°C | | | | |
| 5.6 | C | T368C565(1)050AS | 2.2 | 5 |
| 6.8 | C | T368C685(1)050AS | 2.7 | 5 |
| 8.2 | C | T368C825(1)050AS | 3.2 | 6 |
| 10.0 | C | T368C106(1)050AS | 4.0 | 6 |
| 12.0 | C | T368C126(1)050AS | 4.8 | 6 |
| 15.0 | C | T368C156(1)050AS | 6.0 | 6 |
| 18.0 | D | T368D186(1)050AS | 7.2 | 6 |
| 22.0 | D | T368D226(1)050AS | 8.8 | 6 |

(1) To complete KEMET part number, insert capacitance tolerance K- ±10%, M- ±20%, or J- ±5% (Available on special order).

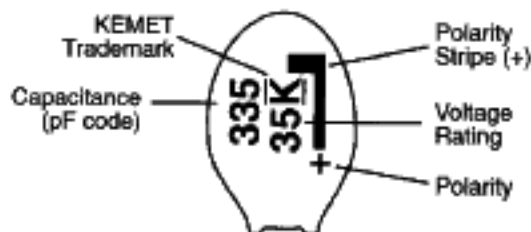
* For Marking Information refer to page 63.

* For Ordering Information refer to page 63.

**T35X & T36X
ORDERING INFORMATION**



**T35X & T368
MARKING INFORMATION**



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

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

Bold Face print indicates popular values.

NOTE: Higher voltage and better capacitance tolerance product may be substituted for an order within the same case size at KEMET's option.