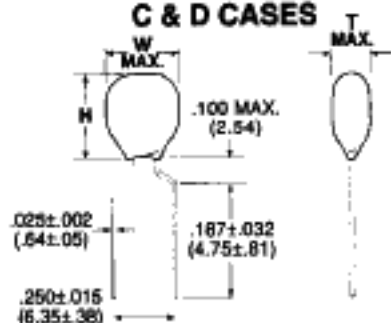


T368 CAPACITOR OUTLINE DRAWING  
C & D CASES



T368  
DIMENSIONS — INCHES + (MILLIMETERS)

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

T368  
RATINGS AND PART NUMBER REFERENCE

| CAPACITANCE<br>μF             | CASE SIZE | KEMET PART NUMBER | D.C.<br>LEAKAGE<br>μA@25°C | MAX.<br>DISSIPATION<br>FACTOR<br>%@25°C,<br>120Hz |
|-------------------------------|-----------|-------------------|----------------------------|---------------------------------------------------|
| <b>6 VOLT RATING AT 85°C</b>  |           |                   |                            |                                                   |
| 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                                                 |
| <b>10 VOLT RATING AT 85°C</b> |           |                   |                            |                                                   |
| 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                                                 |
| <b>15 VOLT RATING AT 85°C</b> |           |                   |                            |                                                   |
| 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                                                 |
| <b>20 VOLT RATING AT 85°C</b> |           |                   |                            |                                                   |
| 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<br>μF             | CASE SIZE | KEMET PART NUMBER | D.C.<br>LEAKAGE<br>μA@25°C | MAX.<br>DISSIPATION<br>FACTOR<br>%@25°C,<br>120Hz |
|-------------------------------|-----------|-------------------|----------------------------|---------------------------------------------------|
| <b>25 VOLT RATING AT 85°C</b> |           |                   |                            |                                                   |
| 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                                                 |
| <b>35 VOLT RATING AT 85°C</b> |           |                   |                            |                                                   |
| 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                                                 |
| <b>50 VOLT RATING AT 85°C</b> |           |                   |                            |                                                   |
| 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.

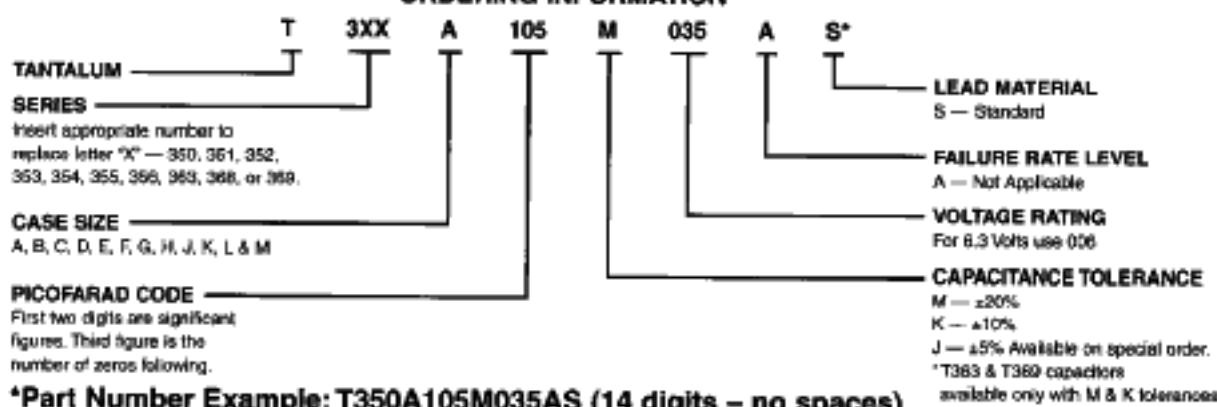
\* For Ordering Information refer to page 63.

# TANTALUM DIPPED / RADIAL - POLAR

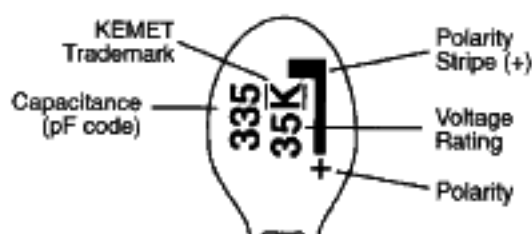
## T350, T351, T352, T353, T354, T355 & T356 SERIES "ULTRADIP II"

# KEMET

### T35X & T36X ORDERING INFORMATION



### T35X & T36X MARKING INFORMATION



### T35X RATINGS AND PART NUMBER REFERENCE

| CAPACITANCE<br>pF                                         | CASE<br>SIZE | KEMET PART NUMBER  | D.C.<br>LEAKAGE<br>µA@25°C | MAX.<br>DISSIPATION<br>FACTOR<br>%/@25°C,<br>120Hz |
|-----------------------------------------------------------|--------------|--------------------|----------------------------|----------------------------------------------------|
| <b>3 VOLT RATING AT 85°C —<br/>2 VOLT RATING AT 125°C</b> |              |                    |                            |                                                    |
| 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 | 0.8                        | 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<br>pF                                           | CASE<br>SIZE | KEMET PART NUMBER  | D.C.<br>LEAKAGE<br>µA@25°C | MAX.<br>DISSIPATION<br>FACTOR<br>%/@25°C,<br>120Hz |
|-------------------------------------------------------------|--------------|--------------------|----------------------------|----------------------------------------------------|
| <b>6.3 VOLT RATING AT 85°C —<br/>4 VOLT RATING AT 125°C</b> |              |                    |                            |                                                    |
| 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" =  $\pm 20\%$ , "K" =  $\pm 10\%$ .

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.

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