

# タンタル電解コンデンサ

## TMCM形 (小形チップタンタルコンデンサ)

- TMCS形の製造技術を基礎にして、さらに小形化したチップタンタルコンデンサです。  
(TMCS形に比べ、体積で1/2~1/3)
- AV機器に代表される高密度実装に適しています。

製品記号：(例) TMCM形Aケース 4V 10 $\mu$ F $\pm$ 20%

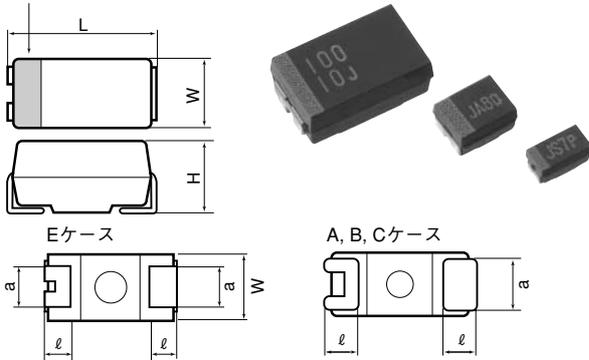
**TMCM A 0G 106 M I R E**

端子めっき区分  
梱包極性  
テープ梱包  
静電容量許容差記号  
静電容量記号  
定格電圧記号

形名  
ケースサイズ記号

### 形状および外形寸法

陽極表示側帯



■外形寸法表 (単位：mm)

| 寸法記号 | 各部寸法        |               |             |                  |             |
|------|-------------|---------------|-------------|------------------|-------------|
|      | L $\pm$ 0.2 | W $\pm$ 0.2   | H $\pm$ 0.2 | $\phi$ $\pm$ 0.3 | a $\pm$ 0.2 |
| A    | 3.2         | 1.6           | 1.6         | 0.7              | 1.2         |
| B    | 3.5         | 2.8           | 1.9         | 0.8              | 2.2         |
| C    | 5.8         | 3.2           | 2.5         | 1.3              | 2.2         |
| E    | 7.3         | 4.3 $\pm$ 0.3 | 2.8         | 1.3              | 2.4         |

■標準品定格表

| 静電容量 | μF  | 記号      | 定格電圧 (V.DC) |         |         |         |       |     |     |     |
|------|-----|---------|-------------|---------|---------|---------|-------|-----|-----|-----|
|      |     |         | 2.5         | 4       | 6.3(7)  | 10      | 16    | 20  | 25  | 35  |
| 0.47 | 474 |         | 0E          | 0G      | 0J      | 1A      | 1C    | 1D  | 1E  | 1V  |
| 0.68 | 684 |         |             |         |         |         |       |     | A   | A   |
| 1.0  | 105 |         |             |         |         |         |       | A   | A   | A   |
| 1.5  | 155 |         |             |         |         |         | A     | A   | A   | A,B |
| 2.2  | 225 |         |             |         | A       | A       | A     | A   | A,B | B   |
| 3.3  | 335 |         |             | A       | A       | A       | A,B   | A,B | A,B | B   |
| 4.7  | 475 |         | A           | A       | A       | A,B     | A,B   | A,B | A,B | C   |
| 6.8  | 685 | A       | A           | A       | A,B     | A,B     | A,B   | A,B | C   | C   |
| 10   | 106 | A       | A           | A,B     | A,B     | A,B     | B     | C   | C   | C,E |
| 15   | 156 | A       | A,B         | A,B     | A,B     | A,B,C   | B,C   | C,E | C,E | E   |
| 22   | 226 | A,B     | A,B         | A,B     | A,B,C   | A,B,C   | B,C,E | C,E | C,E | E   |
| 33   | 336 | A,B     | A,B         | A,B,C   | A,B,C   | A,B,C   | B,C,E | C,E | C,E | E   |
| 47   | 476 | A,B     | A,B,C       | A,B,C   | A,B,C,E | A,B,C,E | B,C,E | E   | E   |     |
| 68   | 686 | A,B,C   | A,B,C       | A,B,C,E | B,C,E   | E       | E     | E   | E   |     |
| 100  | 107 | A,B,C   | A,B,C,E     | A,B,C,E | B,C,E   | E       | E     | E   | E   |     |
| 150  | 157 | A,B,C,E | A,B,C,E     | B,C,E   | C,E     |         |       |     |     |     |
| 220  | 227 | A,B,C,E | A,B,C,E     | B,C,E   | E       |         |       |     |     |     |
| 330  | 337 | B,C,E   | B,C,E       | C,E     | E       |         |       |     |     |     |
| 470  | 477 | B,C,E   | E           | E       |         |         |       |     |     |     |

表にない定格はご相談ください。

| 仕様                 | TMCM   | 試験条件 JIS C5101-3-1998  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|--------------------|--|--|--------|--------|----|-----|--------------|---|--------|--------|--------|--------------------|------|------|------|------|--|------|-----|------|-----|--|------|------|-----|------|--|-----|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|--|------|------|------|------|-------|
| 使用温度範囲             | -55 $^{\circ}$ C~+125 $^{\circ}$ C   |  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 定格電圧               | DC2.5~35V  | 85 $^{\circ}$ C  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| サージ電圧              | DC3.2~45V  | 85 $^{\circ}$ C  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 軽減電圧               | DC1.6~22V  | 125 $^{\circ}$ C   |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 静電容量               | 0.47~470 $\mu$ F   |  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 許容差                | $\pm$ 10%又は20%   | 7.8項,120Hz   |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 漏れ電流               | 標準品一覧表参照   | 7.7項,定格電圧印加5分後   |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| tan $\delta$       | 標準品一覧表参照   | 7.9項,120Hz   |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 耐サージ電圧             | $\Delta$ C/C $\pm$ 5%以内<br>tan $\delta$ 初期規格値以下<br>LC 初期規格値以下  | 7.14項  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 温度特性               | <table border="1"> <thead> <tr> <th></th> <th>初期規格</th> <th>-55</th> <th>85</th> <th>125</th> </tr> </thead> <tbody> <tr> <td><math>\Delta</math>C/C</td> <td>-</td> <td>-10~0%</td> <td>0~+10%</td> <td>0~+12%</td> </tr> <tr> <td>tan <math>\delta</math> 表の値以下</td> <td>0.04</td> <td>0.09</td> <td>0.07</td> <td>0.09</td> </tr> <tr> <td></td> <td>0.06</td> <td>0.1</td> <td>0.08</td> <td>0.1</td> </tr> <tr> <td></td> <td>0.08</td> <td>0.12</td> <td>0.1</td> <td>0.12</td> </tr> <tr> <td></td> <td>0.1</td> <td>0.14</td> <td>0.12</td> <td>0.14</td> </tr> <tr> <td></td> <td>0.12</td> <td>0.16</td> <td>0.14</td> <td>0.16</td> </tr> <tr> <td></td> <td>0.16</td> <td>0.20</td> <td>0.18</td> <td>0.20</td> </tr> <tr> <td></td> <td>0.18</td> <td>0.34</td> <td>0.20</td> <td>0.22</td> </tr> <tr> <td></td> <td>0.20</td> <td>0.36</td> <td>0.22</td> <td>0.24</td> </tr> <tr> <td></td> <td>0.30</td> <td>0.60</td> <td>0.30</td> <td>0.40</td> </tr> </tbody> </table> |  | 初期規格   | -55    | 85 | 125 | $\Delta$ C/C | - | -10~0% | 0~+10% | 0~+12% | tan $\delta$ 表の値以下 | 0.04 | 0.09 | 0.07 | 0.09 |  | 0.06 | 0.1 | 0.08 | 0.1 |  | 0.08 | 0.12 | 0.1 | 0.12 |  | 0.1 | 0.14 | 0.12 | 0.14 |  | 0.12 | 0.16 | 0.14 | 0.16 |  | 0.16 | 0.20 | 0.18 | 0.20 |  | 0.18 | 0.34 | 0.20 | 0.22 |  | 0.20 | 0.36 | 0.22 | 0.24 |  | 0.30 | 0.60 | 0.30 | 0.40 | 7.12項 |
|                    | 初期規格   | -55  | 85     | 125    |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| $\Delta$ C/C       | -  | -10~0%   | 0~+10% | 0~+12% |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| tan $\delta$ 表の値以下 | 0.04   | 0.09   | 0.07   | 0.09   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.06   | 0.1  | 0.08   | 0.1    |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.08   | 0.12   | 0.1    | 0.12   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.1  | 0.14   | 0.12   | 0.14   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.12   | 0.16   | 0.14   | 0.16   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.16   | 0.20   | 0.18   | 0.20   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.18   | 0.34   | 0.20   | 0.22   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.20   | 0.36   | 0.22   | 0.24   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
|                    | 0.30   | 0.60   | 0.30   | 0.40   |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| はんだ耐熱性             | $\Delta$ C/C $\pm$ 5%以内<br>tan $\delta$ 初期規格値以下<br>LC 初期規格値以下  | ディップ 260 $\pm$ 5 $^{\circ}$ C<br>A,Bケース C,Eケース<br>10 $\pm$ 1秒 5 $\pm$ 0.5秒<br>リフロー260 $^{\circ}$ C 10 $\pm$ 1秒 |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 耐湿放置               | $\Delta$ C/C $\pm$ 10%以内<br>tan $\delta$ 初期規格値以下<br>LC 初期規格値以下   | 9.5項 40 $^{\circ}$ C<br>90~95%RH,500h  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 高温負荷               | $\Delta$ C/C $\pm$ 10%以内<br>tan $\delta$ 初期規格値以下<br>LC 初期規格値の125%以下  | 9.10項 85 $^{\circ}$ C<br>定格電圧印加2000h   |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 熱衝撃                | $\Delta$ C/C $\pm$ 10%以内<br>tan $\delta$ 初期規格値以下<br>LC 初期規格値以下   | -55 $^{\circ}$ C,常温,125 $^{\circ}$ C,常温に<br>30分,3分,30分,3分放置し<br>連続5回繰り返す。                                      |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 耐湿負荷               | $\Delta$ C/C $\pm$ 10%以内<br>tan $\delta$ 初期規格値の150%以下<br>LC 初期規格値の200%以下   | 40 $^{\circ}$ C,湿度90~95%RH<br>定格電圧印加500h   |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |
| 故障率                | 1%/1000h   | 85 $^{\circ}$ C定格電圧印加<br>(1 $\Omega$ /Vの保護抵抗を通じて)  |        |        |    |     |              |   |        |        |        |                    |      |      |      |      |  |      |     |      |     |  |      |      |     |      |  |     |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |  |      |      |      |      |       |

※カタログに記載されている数値は参考仕様です。  
実際にご使用を検討する際は弊社にお問い合わせの上、仕様を確認下さい。

# 定格一覧表/TMCMシリーズ

## ■標準品一覧 TMCMシリーズ

| 定格電圧<br>V.DC | 静電容量<br>μF | tan δ | 漏れ電流<br>μA | ケース<br>記号  | 品名         |            |
|--------------|------------|-------|------------|------------|------------|------------|
| 2.5          | 6.8        | 0.06  | 0.5        | A          | TMCMA0E685 |            |
|              | 10         | 0.08  | 0.5        | A          | TMCMA0E106 |            |
|              | 15         | 0.08  | 0.5        | A          | TMCMA0E156 |            |
|              |            | 0.08  | 0.6        | A          | TMCMA0E226 |            |
|              | 22         | 0.08  | 0.6        | B          | TMCMB0E226 |            |
|              |            | 0.08  | 0.8        | A          | TMCMA0E336 |            |
|              | 33         | 0.08  | 0.8        | B          | TMCMB0E336 |            |
|              |            | 0.12  | 1.2        | A          | TMCMA0E476 |            |
|              | 47         | 0.08  | 1.2        | B          | TMCMB0E476 |            |
|              |            | 0.18  | 1.7        | A          | TMCMA0E686 |            |
|              | 68         | 0.08  | 1.7        | B          | TMCMB0E686 |            |
|              |            | 0.08  | 1.7        | C          | TMCMC0E686 |            |
|              |            | 0.18  | 5.0        | A          | TMCMA0E107 |            |
|              | 100        | 0.12  | 2.5        | B          | TMCMB0E107 |            |
|              |            | 0.08  | 2.5        | C          | TMCMC0E107 |            |
|              |            | 0.30  | 7.5        | A          | TMCMA0E157 |            |
|              | 150        | 0.18  | 3.8        | B          | TMCMB0E157 |            |
|              |            | 0.08  | 3.8        | C          | TMCMC0E157 |            |
|              |            | 0.08  | 3.8        | E          | TMCME0E157 |            |
|              | 220        | 0.30  | 27.5       | A          | TMCMA0E227 |            |
|              |            | 0.18  | 5.5        | B          | TMCMB0E227 |            |
|              |            | 0.08  | 5.5        | C          | TMCMC0E227 |            |
|              | 330        | 0.08  | 5.5        | E          | TMCME0E227 |            |
|              |            | 0.30  | 41.3       | B          | TMCMB0E337 |            |
| 0.18         |            | 8.3   | C          | TMCMC0E337 |            |            |
| 470          | 0.10       | 8.3   | E          | TMCME0E337 |            |            |
|              | 0.30       | 58.8  | B          | TMCMB0E477 |            |            |
|              | 0.18       | 11.8  | C          | TMCMC0E477 |            |            |
|              | 0.10       | 11.8  | E          | TMCME0E477 |            |            |
| 4            | 4.7        | 0.06  | 0.5        | A          | TMCMA0G475 |            |
|              | 6.8        | 0.06  | 0.5        | A          | TMCMA0G685 |            |
|              | 10         | 0.08  | 0.5        | A          | TMCMA0G106 |            |
|              |            | 0.08  | 0.6        | A          | TMCMA0G156 |            |
|              | 15         | 0.08  | 0.6        | B          | TMCMB0G156 |            |
|              |            | 0.08  | 0.9        | A          | TMCMA0G226 |            |
|              | 22         | 0.08  | 0.9        | B          | TMCMB0G226 |            |
|              |            | 0.08  | 1.3        | A          | TMCMA0G336 |            |
|              | 33         | 0.08  | 1.3        | B          | TMCMB0G336 |            |
|              |            | 0.12  | 1.9        | A          | TMCMA0G476 |            |
|              | 47         | 0.08  | 1.9        | B          | TMCMB0G476 |            |
|              |            | 0.08  | 1.9        | C          | TMCMC0G476 |            |
|              |            | 0.12  | 5.4        | A          | TMCMA0G686 |            |
|              | 68         | 0.08  | 2.7        | B          | TMCMB0G686 |            |
|              |            | 0.08  | 2.7        | C          | TMCMC0G686 |            |
|              |            | 0.30  | 8.0        | A          | TMCMA0G107 |            |
|              | 100        | 0.12  | 4.0        | B          | TMCMB0G107 |            |
|              |            | 0.08  | 4.0        | C          | TMCMC0G107 |            |
|              |            | 0.08  | 4.0        | E          | TMCME0G107 |            |
|              |            | 0.30  | 60.0       | A          | TMCMA0G157 |            |
|              | 150        | 0.18  | 6.0        | B          | TMCMB0G157 |            |
|              |            | 0.08  | 6.0        | C          | TMCMC0G157 |            |
|              |            | 0.08  | 6.0        | E          | TMCME0G157 |            |
|              | 220        | 0.30  | 88.0       | A          | TMCMA0G227 |            |
|              |            | 0.18  | 17.6       | B          | TMCMB0G227 |            |
|              |            | 0.12  | 8.8        | C          | TMCMC0G227 |            |
|              |            | 0.08  | 8.8        | E          | TMCME0G227 |            |
|              | 330        | 0.30  | 132.0      | B          | TMCMB0G337 |            |
|              |            | 0.18  | 13.2       | C          | TMCMC0G337 |            |
|              |            | 0.10  | 13.2       | E          | TMCME0G337 |            |
|              | 470        | 0.10  | 18.8       | E          | TMCME0G477 |            |
|              | 6.3<br>(7) | 3.3   | 0.06       | 0.5        | A          | TMCMA0J335 |
|              |            | 4.7   | 0.06       | 0.5        | A          | TMCMA0J475 |
|              |            | 6.8   | 0.06       | 0.5        | A          | TMCMA0J685 |
|              |            |       | 0.08       | 0.7        | A          | TMCMA0J106 |
|              |            | 10    | 0.08       | 0.7        | B          | TMCMB0J106 |
|              |            |       | 0.08       | 1.1        | A          | TMCMA0J156 |
|              |            | 15    | 0.08       | 1.1        | B          | TMCMB0J156 |
|              |            |       | 0.08       | 1.5        | A          | TMCMA0J226 |
|              |            | 22    | 0.08       | 1.5        | B          | TMCMB0J226 |
|              |            |       | 0.10       | 2.3        | A          | TMCMA0J336 |
|              |            |       | 0.08       | 2.3        | B          | TMCMB0J336 |
| 33           |            | 0.08  | 2.3        | C          | TMCMC0J336 |            |
|              |            | 0.12  | 5.9        | A          | TMCMA0J476 |            |
|              |            | 0.08  | 3.3        | B          | TMCMB0J476 |            |
| 47           |            | 0.08  | 3.3        | C          | TMCMC0J476 |            |
|              |            | 0.18  | 8.6        | A          | TMCMA0J686 |            |
|              |            | 0.10  | 4.8        | B          | TMCMB0J686 |            |

| 定格電圧<br>V.DC | 静電容量<br>μF | tan δ | 漏れ電流<br>μA | ケース<br>記号 | 品名         |            |
|--------------|------------|-------|------------|-----------|------------|------------|
| 6.3<br>(7)   | 68         | 0.08  | 4.8        | C         | TMCMC0J686 |            |
|              |            | 0.08  | 4.8        | E         | TMCME0J686 |            |
|              | 100        | 0.20  | 31.5       | A         | TMCMA0J107 |            |
|              |            | 0.12  | 7.0        | B         | TMCMB0J107 |            |
|              |            | 0.08  | 7.0        | C         | TMCMC0J107 |            |
|              |            | 0.08  | 7.0        | E         | TMCME0J107 |            |
|              |            | 0.18  | 18.9       | B         | TMCMB0J157 |            |
|              | 150        | 0.10  | 10.5       | C         | TMCMC0J157 |            |
|              |            | 0.08  | 10.5       | E         | TMCME0J157 |            |
|              |            | 0.30  | 27.7       | B         | TMCMB0J227 |            |
|              | 220        | 0.18  | 15.4       | C         | TMCMC0J227 |            |
|              |            | 0.10  | 15.4       | E         | TMCME0J227 |            |
|              |            | 0.30  | 23.1       | C         | TMCMC0J337 |            |
|              | 330        | 0.10  | 23.1       | E         | TMCME0J337 |            |
|              |            | 0.20  | 32.9       | E         | TMCME0J477 |            |
|              | 10         | 2.2   | 0.06       | 0.5       | A          | TMCMA1A225 |
|              |            | 3.3   | 0.06       | 0.5       | A          | TMCMA1A335 |
|              |            | 4.7   | 0.06       | 0.5       | A          | TMCMA1A475 |
|              |            | 6.8   | 0.06       | 0.7       | A          | TMCMA1A685 |
|              |            |       | 0.06       | 0.7       | B          | TMCMB1A685 |
|              |            | 10    | 0.08       | 1.0       | A          | TMCMA1A106 |
|              |            |       | 0.08       | 1.0       | B          | TMCMB1A106 |
|              |            | 15    | 0.08       | 1.5       | A          | TMCMA1A156 |
|              |            |       | 0.08       | 1.5       | B          | TMCMB1A156 |
| 22           |            | 0.12  | 4.4        | A         | TMCMA1A226 |            |
|              |            | 0.08  | 2.2        | B         | TMCMB1A226 |            |
|              |            | 0.08  | 2.2        | C         | TMCMC1A226 |            |
| 33           |            | 0.18  | 6.6        | A         | TMCMA1A336 |            |
|              |            | 0.08  | 3.3        | B         | TMCMB1A336 |            |
|              |            | 0.08  | 3.3        | C         | TMCMC1A336 |            |
| 47           |            | 0.20  | 9.4        | A         | TMCMA1A476 |            |
|              |            | 0.10  | 4.7        | B         | TMCMB1A476 |            |
|              |            | 0.08  | 4.7        | C         | TMCMC1A476 |            |
| 68           |            | 0.08  | 4.7        | E         | TMCME1A476 |            |
|              |            | 0.18  | 6.8        | B         | TMCMB1A686 |            |
|              |            | 0.08  | 6.8        | C         | TMCMC1A686 |            |
| 100          |            | 0.08  | 6.8        | E         | TMCME1A686 |            |
|              |            | 0.30  | 20.0       | B         | TMCMB1A107 |            |
|              |            | 0.10  | 10.0       | C         | TMCMC1A107 |            |
| 150          |            | 0.08  | 10.0       | E         | TMCME1A107 |            |
|              |            | 0.18  | 30.0       | C         | TMCMC1A157 |            |
|              |            | 0.08  | 15.0       | E         | TMCME1A157 |            |
| 220          |            | 0.12  | 22.0       | E         | TMCME1A227 |            |
|              |            | 0.20  | 33.0       | E         | TMCME1A337 |            |
| 16           |            | 1.5   | 0.06       | 0.5       | A          | TMCMA1C155 |
|              |            | 2.2   | 0.06       | 0.5       | A          | TMCMA1C225 |
|              |            | 3.3   | 0.06       | 0.5       | A          | TMCMA1C335 |
|              |            | 4.7   | 0.06       | 0.8       | A          | TMCMA1C475 |
|              | 0.06       |       | 0.8        | B         | TMCMB1C475 |            |
|              | 6.8        | 0.06  | 1.1        | A         | TMCMA1C685 |            |
|              |            | 0.06  | 1.1        | B         | TMCMB1C685 |            |
|              | 10         | 0.08  | 1.6        | A         | TMCMA1C106 |            |
|              |            | 0.08  | 1.6        | B         | TMCMB1C106 |            |
|              | 15         | 0.12  | 2.4        | A         | TMCMA1C156 |            |
|              |            | 0.08  | 2.4        | B         | TMCMB1C156 |            |
|              |            | 0.08  | 2.4        | C         | TMCMC1C156 |            |
|              | 22         | 0.16  | 7.0        | A         | TMCMA1C226 |            |
|              |            | 0.08  | 3.5        | B         | TMCMB1C226 |            |
|              |            | 0.08  | 3.5        | C         | TMCMC1C226 |            |
|              | 33         | 0.12  | 5.3        | B         | TMCMB1C336 |            |
|              |            | 0.08  | 5.3        | C         | TMCMC1C336 |            |
|              |            | 0.08  | 5.3        | E         | TMCME1C336 |            |
|              | 47         | 0.20  | 7.5        | B         | TMCMB1C476 |            |
|              |            | 0.08  | 7.5        | C         | TMCMC1C476 |            |
|              |            | 0.08  | 7.5        | E         | TMCME1C476 |            |
|              | 68         | 0.08  | 10.9       | E         | TMCME1C686 |            |
|              |            | 0.08  | 16.0       | E         | TMCME1C107 |            |
|              | 20         | 1     | 0.04       | 0.5       | A          | TMCMA1D105 |
| 1.5          |            | 0.06  | 0.5        | A         | TMCMA1D155 |            |
| 2.2          |            | 0.06  | 0.5        | A         | TMCMA1D225 |            |
| 3.3          |            | 0.06  | 0.7        | A         | TMCMA1D335 |            |
|              |            | 0.06  | 0.7        | B         | TMCMB1D335 |            |
| 4.7          |            | 0.06  | 0.9        | A         | TMCMA1D475 |            |
|              |            | 0.06  | 0.9        | B         | TMCMB1D475 |            |
| 6.8          |            | 0.06  | 1.4        | B         | TMCMB1D685 |            |
|              |            | 0.08  | 2.0        | B         | TMCMB1D106 |            |
| 10           |            | 0.08  | 2.0        | C         | TMCMC1D106 |            |

# 定格一覧表/TMCMシリーズ

## ■標準品一覧 TMCMシリーズ

| 定格電圧<br>V <sub>DC</sub> | 静電容量<br>μF | tan δ | 漏れ電流<br>μA | ケース<br>記号  | 品名         |
|-------------------------|------------|-------|------------|------------|------------|
| 20                      | 15         | 0.08  | 3.0        | B          | TMCMB1D156 |
|                         |            | 0.08  | 3.0        | C          | TMCMC1D156 |
|                         | 22         | 0.08  | 4.4        | B          | TMCMB1D226 |
|                         |            | 0.08  | 4.4        | C          | TMCMC1D226 |
|                         | 33         | 0.08  | 4.4        | E          | TMCME1D226 |
|                         |            | 0.08  | 6.6        | C          | TMCMC1D336 |
|                         |            | 0.08  | 6.6        | E          | TMCME1D336 |
|                         |            | 0.08  | 9.4        | E          | TMCME1D476 |
|                         | 68         | 0.08  | 13.6       | E          | TMCME1D686 |
|                         | 25         | 0.68  | 0.04       | 0.5        | A          |
| 1                       |            | 0.04  | 0.5        | A          | TMCMA1E105 |
| 1.5                     |            | 0.06  | 0.5        | A          | TMCMA1E155 |
|                         |            | 0.06  | 0.6        | A          | TMCMA1E225 |
| 2.2                     |            | 0.06  | 0.6        | B          | TMCMB1E225 |
|                         |            | 0.06  | 0.8        | A          | TMCMA1E335 |
| 3.3                     |            | 0.06  | 0.8        | B          | TMCMB1E335 |
|                         |            | 0.08  | 1.2        | A          | TMCMA1E475 |
| 4.7                     |            | 0.06  | 1.2        | B          | TMCMB1E475 |
|                         |            | 0.06  | 1.7        | C          | TMCMC1E685 |
| 10                      |            | 0.08  | 2.5        | C          | TMCMC1E106 |
| 15                      |            | 0.08  | 3.8        | C          | TMCMC1E156 |
|                         |            | 0.08  | 3.8        | E          | TMCME1E156 |
| 22                      | 0.08       | 5.5   | C          | TMCMC1E226 |            |
|                         | 0.08       | 5.5   | E          | TMCME1E226 |            |
| 33                      | 0.08       | 8.3   | E          | TMCME1E336 |            |
| 35                      | 0.47       | 0.04  | 0.5        | A          | TMCMA1V474 |
|                         | 0.68       | 0.04  | 0.5        | A          | TMCMA1V684 |
|                         | 1          | 0.04  | 0.5        | A          | TMCMA1V105 |
|                         | 1.5        | 0.06  | 0.5        | A          | TMCMA1V155 |
|                         |            | 0.06  | 0.5        | B          | TMCMB1V155 |
|                         | 2.2        | 0.06  | 0.8        | B          | TMCMB1V225 |
|                         | 3.3        | 0.06  | 1.2        | B          | TMCMB1V335 |
|                         | 4.7        | 0.06  | 1.6        | C          | TMCMC1V475 |
|                         | 6.8        | 0.06  | 2.4        | C          | TMCMC1V685 |
|                         | 10         | 0.08  | 3.5        | C          | TMCMC1V106 |
|                         |            | 0.08  | 3.5        | E          | TMCME1V106 |
|                         | 15         | 0.08  | 5.3        | E          | TMCME1V156 |
|                         | 22         | 0.08  | 7.7        | E          | TMCME1V226 |

## ■ロット表示

| 年    | 月 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|------|---|---|---|---|---|---|---|---|---|---|----|----|----|
| 2005 |   | A | B | C | D | E | F | G | H | J | K  | L  | M  |
| 2006 |   | N | P | Q | R | S | T | U | V | W | X  | Y  | Z  |
| 2007 |   | a | b | c | d | e | f | g | h | j | k  | l  | m  |
| 2008 |   | n | p | q | r | s | t | u | v | w | x  | y  | z  |

## ■捺印表示 TMCMシリーズ

| 区分         | TMCM * △△□□○○○Fの場合   |
|------------|--|
| A・B<br>ケース | <p>陽極側帯表示<br/>           定格電圧簡略記号 (G : 4V)<br/>           製造年月記号 (2005年1月製造の場合)<br/>           公称静電容量の簡略記号 (A7 : 10μF)</p> |
| C・E<br>ケース | <p>陽極側帯表示<br/>           公称静電容量値 (15μF)<br/>           製造年月記号 (2005年1月製造の場合)<br/>           定格電圧 (16V)</p>                 |