

●縦型チップ低インピーダンス品 **New**  
**EC-ZCシリーズ** JIS C5101  
 CE-32  
 (耐洗浄品)

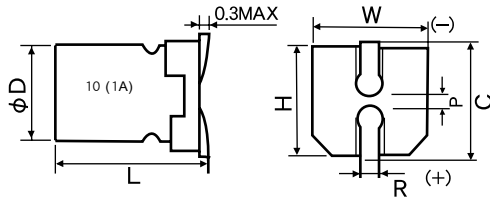
■特徴

・EC-ZCシリーズは低インピーダンスの小型化品です。

■性能/PERFORMANCE SPECIFICATIONS

|  |  |  |      |      |   |      |      |
|--|--|--|------|------|---|------|------|
| カテゴリ温度範囲   | CATEGORY TEMPERATURE RANGE   | -55°C ~ +105°C   |      |      |   |      |      |
| 標準静電容量許容差  | STANDARD CAPACITANCE TOLERANCE   | -20% ~ +20% (120Hz)  |      |      |   |      |      |
| 漏れ電流 (最大値)   | LEAKAGE CURRENT (MAX. VALUE)   | I=0.01CV<br>IS THE GREATER (after 2 minutes)   |      |      | C=RATED CAPACITANCE (μF)<br>V=WORKING VOLTAGE (V) |      |      |
| 損失角の正接 (最大値)<br>(tan δ)                            | DISSIPATION FACTOR (MAX. VALUE)  | W.V  | 6.3  | 10   | 16  | 25   | 35   |
|  |  | tan δ  | 0.26 | 0.19 | 0.16  | 0.14 | 0.12 |
|  |  | When the capacitance exceed 1,000 μF, the of tan δ is increased by 0.02 for each increment of 1,000 μF or its fraction.  |      |      |   |      |      |
| 耐久性<br>105°C 2000時間<br>定格電圧印加                      | ENDURANCE<br>APPLICATION OF RATED VOLTAGE,<br>AT 105°C FOR 2000hrs.                          | CAPACITANCE CHANGE : LESS THAN 30% OF THE INITIAL MEASURED VALUE.<br>DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE.<br>LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE. |      |      |   |      |      |
| 低温特性<br>(+20°Cにおける120Hzの<br>インピーダンスに対する比)<br>(最大値) | LOW TEMPERATURE STABILITY<br>RATIO OF IMPEDANCE AT COLD TO<br>THAT AT 20°C, 120Hz. MAX.VALUE | W.V  | 6.3  | 10   | 16  | 25   | 35   |
|  |  | -40°C / +20°C  | 3    | 3    | 3   | 3    | 3    |
|  |  | -55°C / +20°C  | 4    | 4    | 4   | 3    | 3    |

■寸法図/DIAGRAM OF DIMENSIONS



(単位: mm)

| D + 0.5MAX | L ± 0.3 | W ± 0.2 | H ± 0.2 | C ± 0.2 | R         | P   |
|------------|---------|---------|---------|---------|-----------|-----|
| 6.3        | 6       | 6.6     | 6.6     | 7.3     | 0.5 ~ 0.8 | 2.2 |
| 8          | 10.5    | 8.3     | 8.3     | 9.0     | 0.7 ~ 1.0 | 3.2 |
| 10         | 10.5    | 10.3    | 10.3    | 11.0    | 1.0 ~ 1.4 | 4.6 |

■寸法表 (φD×L) SIZE TABLE (φD×L)

| WV<br>μF   | 6.3 (0J) |      |      | 10 (1A) |      |      | 16 (1C) |      |      | 25 (1E) |      |      | 35 (1V) |      |      |
|------------|----------|------|------|---------|------|------|---------|------|------|---------|------|------|---------|------|------|
| 68 (680)   |          |      |      |         |      |      |         |      |      |         |      |      | 6.3×6.0 | 0.28 | 300  |
| 100 (101)  |          |      |      |         |      |      |         |      |      | 6.3×6.0 | 0.28 | 300  | 6.3×6.0 | 0.28 | 300  |
| 150 (151)  |          |      |      |         |      |      | 6.3×6.0 | 0.28 | 300  |         |      |      |         |      |      |
| 220 (221)  |          |      |      | 6.3×6.0 | 0.28 | 300  | 6.3×6.0 | 0.28 | 300  |         |      |      |         |      |      |
| 330 (331)  | 6.3×6.0  | 0.28 | 300  |         |      |      |         |      |      |         |      |      | 8×10.5  | 0.08 | 850  |
| 470 (471)  |          |      |      |         |      |      |         |      |      | 8×10.5  | 0.08 | 850  |         |      |      |
| 560 (561)  |          |      |      |         |      |      |         |      |      |         |      |      | 10×10.5 | 0.06 | 1190 |
| 680 (681)  |          |      |      |         |      |      | 8×10.5  | 0.08 | 850  |         |      |      |         |      |      |
| 820 (821)  |          |      |      |         |      |      |         |      |      | 10×10.5 | 0.06 | 1190 |         |      |      |
| 1000 (102) |          |      |      | 8×10.5  | 0.08 | 1190 | 10×10.5 | 0.06 | 1190 |         |      |      |         |      |      |
| 1500 (152) | 8×10.5   | 0.08 | 850  | 10×10.5 | 0.06 | 1190 |         |      |      |         |      |      |         |      |      |
| 2200 (222) | 10×10.5  | 0.06 | 1190 |         |      |      |         |      |      |         |      |      |         |      |      |

Case size : φD × L (mm)

Ripple current (mA r.m.s.)  
(100kHz, 105°C)

Impedance (Ω) MAX. at 100kHz, 20°C

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER

