

●縦型チップ長寿命低インピーダンス品

**EC-LSシリーズ**

JIS C5101  
CE-32  
(耐洗浄品)

■特徴

・EC-LSシリーズは低インピーダンスの105℃3000時間保証品です。

■性能/PERFORMANCE SPECIFICATIONS

|   |   |  |      |      |      |       |      |      |
|---|---|--|------|------|------|-------|------|------|
| カテゴリ温度範囲  | CATEGORY TEMPERATURE RANGE  | -40℃~+105℃   |      |      |      |       |      |      |
| 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 OR 3μA WHICHEVER IS THE GREATER (after 2 minutes) C=RATED CAPACITANCE (μF) V=WORKING VOLTAGE (V)  |      |      |      |       |      |      |
| 損失角の正接 (最大値) (tan δ)                              | DISSIPATION FACTOR (MAX. VALUE)   | W. V   | 6.3  | 10   | 16   | 25    | 35   | 50   |
|   |   | tan δ  | 0.28 | 0.24 | 0.22 | 0.16  | 0.13 | 0.12 |
| 耐久性<br>105℃ 3000時間<br>定格電圧印加                      | ENDURANCE<br>APPLICATION OF RATED VOLTAGE,<br>AT 105℃ FOR 3000hrs.                              | CAPACITANCE CHANGE : LESS THAN 30% OF THE INITIAL MEASURED VALUE.<br>DISSIPATION FACTOR : LESS THAN 300% OF THE INITIAL SPECIFIED VALUE.<br>LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE. |      |      |      |       |      |      |
| 低温特性<br>(+20℃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℃, 120Hz. MAX. VALUE.) | W. V   | 6.3  | 10   | 16   | 25~50 |      |      |
|   |   | -25℃/+20℃  | 4    | 3    | 2    | 2     |      |      |
|   |   | -40℃/+20℃  | 10   | 7    | 5    | 3     |      |      |

●VERTICAL CHIP LOW IMPEDANCE LONG LIFE

**TYPE EC-LS**

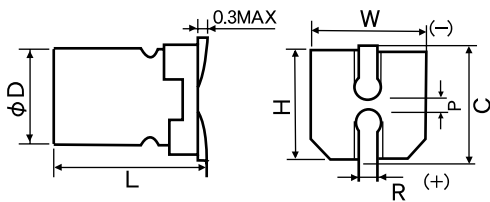
JIS C5101  
CE-32  
(Washable product)

■FEATURES

・ This series gurantees 105℃×3,000 hours with low impedance.

■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±0.2 |
|-----------|-------|-------|-------|-------|---------|-------|
| 4         | 6.0   | 4.3   | 4.3   | 5.0   | 0.5~0.8 | 1.0   |
| 5         | 6.0   | 5.3   | 5.3   | 6.0   | 0.5~0.8 | 1.4   |
| 6.3       | 6.0   | 6.6   | 6.6   | 7.3   | 0.5~0.8 | 2.2   |
| 6.3       | 7.7   | 6.6   | 6.6   | 7.3   | 0.5~0.8 | 2.2   |

■寸法表 (φD×L) SIZE TABLE (φD×L)

| μF \ WV   | 6.3 (0J) |      |     | 10 (1A) |      |     | 16 (1C) |      |     | 25 (1E) |      |     | 35 (1V) |      |     | 50 (1H) |      |     |
|-----------|----------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|---------|------|-----|
| 10 (100)  |          |      |     |         |      |     |         |      |     |         |      |     | 5×6.0   | 1.30 | 95  | 6.3×6.0 | 2.00 | 70  |
| 22 (220)  |          |      |     |         |      |     | 5×6.0   | 1.30 | 95  | 5×6.0   | 1.30 | 95  | 6.3×6.0 | 0.70 | 140 | 6.3×6.0 | 2.00 | 70  |
| 33 (330)  |          |      |     |         |      |     |         |      |     | 6.3×6.0 | 0.70 | 140 | 6.3×6.0 | 0.70 | 140 | 6.3×7.7 | 1.35 | 100 |
| 47 (470)  | 5×6.0    | 1.30 | 95  |         |      |     | 6.3×6.0 | 0.70 | 140 | 6.3×6.0 | 0.70 | 140 | 6.3×7.7 | 0.60 | 230 |         |      |     |
| 100 (101) | 6.3×6.0  | 0.70 | 140 |         |      |     | 6.3×6.0 | 0.70 | 140 | 6.3×7.7 | 0.60 | 230 |         |      |     |         |      |     |
| 150 (151) |          |      |     | 6.3×6.0 | 0.70 | 140 | 6.3×7.7 | 0.60 | 140 |         |      |     |         |      |     |         |      |     |
| 220 (221) | 6.3×7.7  | 0.60 | 230 |         |      |     | 6.3×7.7 | 0.60 | 230 |         |      |     |         |      |     |         |      |     |
| 330 (331) | 6.3×7.7  | 0.60 | 230 |         |      |     |         |      |     |         |      |     |         |      |     |         |      |     |

Case size ; φD×L (mm)      Ripple current (mA r.m.s.) (100kHz, 105℃)  
Impedance (Ω) MAX. at 100kHz, 20℃

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER

