

●導電性高分子ハイブリッドコンデンサ

HVH

JIS C5101
CE-32

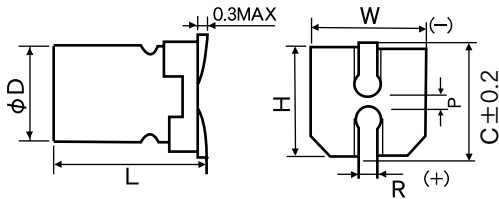
■特徴

- ・超低ESRの 105℃×2000~10000時間保証品です。
- ・高電圧化、長寿命品
- ・耐洗浄品 (2分以内)

■性能/PERFORMANCE SPECIFICATIONS

| | | | | | | |
|---|---|--|---|--|----------------|-----------------|
| カテゴリー温度範囲 | CATEGORY TEMPERATURE RANGE | -55℃ ~ +105℃ | | | | |
| 標準静電容量許容差 | STANDARD CAPACITANCE TOLERANCE | ±20% (120Hz, 20℃) | | | | |
| 漏れ電流 (最大値) | LEAKAGE CURRENT (MAX.VALUE) | I=0.05CV OR 100μA WHICHEVER IS THE GREATER (after 2 minutes) | | C=RATED CAACITANCE (μF) V=RATED VOLTAGE (V) | | |
| 損失角の正接 (最大値) (tan δ) | DISSIPATION FACTOR (MAX.VALUE) (tan δ) | 0.16 | | | | |
| 耐久性 105℃,2000~10000時間 定格電圧印加 φ6.3×4.5 : 2000時間 φ6.3×6.0, φ6.3×7.7 : 5000時間 φ8<:10000時間 | ENDURANCE 105℃,2000~10000時間 APPLICATION OF RATED VOLTAGE, AT 105℃ FOR 3000~5000hrs. φ6.3×4.5 : 2000hrs. φ6.3×6.0, φ6.3×7.7 : 5000hrs. φ8≤:10000hrs. | CAPACITANCE CHANGE: | LESS THAN 30% OF THE INITIAL MEASURED VALUE | | | |
| | | DISSIPATION FACTOR: | LESS THAN 200% OF THE INITIAL SPECIFIED VALUE | | | |
| | | E.S.R.: | LESS THAN 200% OF THE INITIAL SPECIFIED VALUE | | | |
| | | LEAKAGE CURRENT: | LESS THAN THE INITIAL SPECIFIED VALUE | | | |
| 高温及び低温特性 インピーダンス比 120Hz +20℃を基準とする | TEMPERATURE CHARACTERISTICS IMPEDANCE RETIO BASED THE VALUE AT 120Hz, +20℃ | -55℃/20℃ | 1~2.5 | | | |
| | | 105℃/20℃ | 0.6~1.0 | | | |
| 定格リップル電流補正係数 | RIPPLE CURRENT & FREQUENCY MULTIPLIERS | Frequency(Hz) | 100 ≤ f < 1k | 1k ≤ f < 10k | 10k ≤ f < 100k | 100k ≤ f < 500k |
| | | C ≤ 4.7 | 0.03 | 0.30 | 0.65 | 1.00 |
| | | 4.7 < C ≤ 33 | 0.05 | 0.32 | 0.67 | 1.00 |
| | | 33 > C | 0.10 | 0.35 | 0.70 | 1.00 |

■寸法図/DIAGRAM OF DIMENSIONS



Unit : mm

| φD | L±0.3 | W±0.2 | H±0.2 | C±0.2 | R | P±0.2 |
|-----|-------|-------|-------|-------|---------|-------|
| 6.3 | 4.5 | 6.6 | 6.6 | 7.3 | 0.5~0.8 | 2.2 |
| 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 |
| 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 |
| 10 | 12.5 | 10.3 | 10.3 | 11.0 | 1.0~1.4 | 4.6 |

■標準品一覧表/STANDARD PRODUCT TABLE

| W.V | 16 (1C) | | 25 (1E) | | 35 (1V) | | 40 (1G) | | 50 (1H) | |
|-----|---------|---------|---------|---------|---------|----------|---------|----------|----------|---------|
| 10 | | | | | | | | | 6.3×6.0※ | 120 980 |
| 15 | | | | | | | | | 6.3×7.7 | 80 1200 |
| 18 | | | | | | | 6.3×6.0 | 110 1030 | | |
| 27 | | | | | 6.3×6.0 | 100 1080 | 6.3×7.7 | 70 1250 | | |
| 33 | | | | | | | | | 8×10.5 | 35 1670 |
| 47 | | | 6.3×6.0 | 60 1270 | 6.3×7.7 | 60 1300 | | | | |
| 56 | | | | | | | 8×10.5 | 32 1750 | 10×10.5 | 25 2320 |
| 68 | | | 6.3×7.7 | 45 1400 | | | | | | |
| 82 | 6.3×6.0 | 55 1380 | | | | | | | 10×12.5 | 19 2650 |
| 100 | | | | | 8×10.5 | 30 1800 | 10×10.5 | 24 2400 | | |
| 120 | 6.3×7.7 | 40 1500 | | | | | 10×12.5 | 18 2750 | | |
| 150 | | | 8×10.5 | 27 1900 | 10×10.5 | 23 2470 | | | | |
| 220 | | | | | 10×12.5 | 17 2830 | | | | |
| 270 | 8×10.5 | 26 2000 | 10×10.5 | 22 2530 | | | | | | |
| 330 | | | 10×12.5 | 16 2900 | | | | | | |
| 470 | 10×10.5 | 21 2600 | | | | | | | | |
| 560 | 10×12.5 | 15 3000 | | | | | | | | |

| W.V | 63 (1J) | | 80 (1K) | | 100 (2A) | | 125 (2B) | |
|-----|---------|----------|---------|---------|----------|---------|----------|---------|
| 6.8 | 6.3×6.0 | 150 960 | | | | | | |
| 10 | 6.3×7.7 | 100 1060 | | | 10×10.5 | 80 1450 | 10×10.5 | 90 1250 |
| 12 | | | 10×10.5 | 70 1600 | 10×10.5 | 80 1450 | | |
| 15 | | | 10×10.5 | 70 1600 | 10×12.5 | 60 1660 | | |
| 18 | | | 10×12.5 | 50 1830 | | | | |
| 22 | 8×10.5 | 40 1560 | | | | | | |
| 33 | 8×10.5※ | 40 1560 | | | | | | |
| | 10×10.5 | 30 2100 | | | | | | |
| 47 | 10×10.5 | 30 2100 | | | | | | |
| 56 | 10×12.5 | 22 2400 | | | | | | |

※は製品名記号の末尾にSを付与します。

※ is add " S " at the product number.

Case size: φD×L(mm)

E.S.R(mΩ max) (100kHz 20℃)

Ripple current (mA r.m.s) (100kHz 105℃)

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

