

PCK series

大電流 低うなり音品 High Ripple Current, Low Buzz

- ・特殊構造により高リプル化を実現。 High ripple current by special structure.
- ・低ESR化により、大電流に対応。 High current correspondence by low ESR.
- ・製造条件の最適化によりうなり音を低減。 Reduced a buzz by optimization of the production condition.
- ・外装に難燃性(UL94 V-0)のエポキシ樹脂を使用していますので、安全性に優れています。  
Coated with flame-retardant (UL94 V-0) epoxy resin.

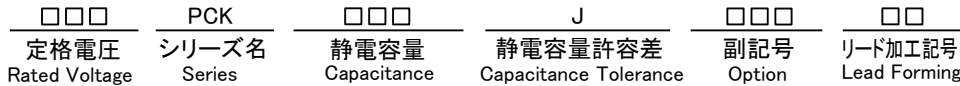


◆規格表/SPECIFICATION

| 項目 Item  | 特性 Characteristics   |
|--|--|
| カテゴリ温度範囲<br>Category Temperature Range         | -40~+105°C ※   |
| 定格電圧範囲<br>Rated Voltage Range(U <sub>R</sub> ) | 450Vdc, 630Vdc, 800Vdc, 1000Vdc, 1250Vdc, 1600Vdc, 2000Vdc |
| 静電容量許容差<br>Capacitance Tolerance               | ±5%(J)   |
| 誘電正接<br>tan δ                                  | 0.001max at 1kHz   |
| 耐電圧<br>Voltage Proof                           | U <sub>R</sub> × 150% 60s                                  |
| 絶縁抵抗<br>Insulation Resistance                  | C ≤ 0.33 μF: 25000M Ω min<br>C > 0.33 μF: 7500 Ω F min     |
| 準拠規格<br>Reference Standard                     | JIS C5101-16, JIS C5101-1                                  |

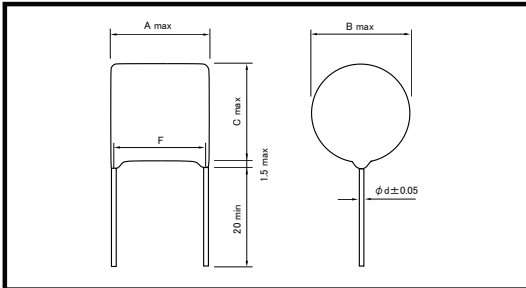
※85°Cを超える範囲では使用上の注意事項に示す電圧軽減を行ってください。  
Derate the voltage as shown CAUTION FOR PROPER USE OF FILM CAPACITORS when using the capacitor beyond 85°C

◆呼称方法/PART NUMBER

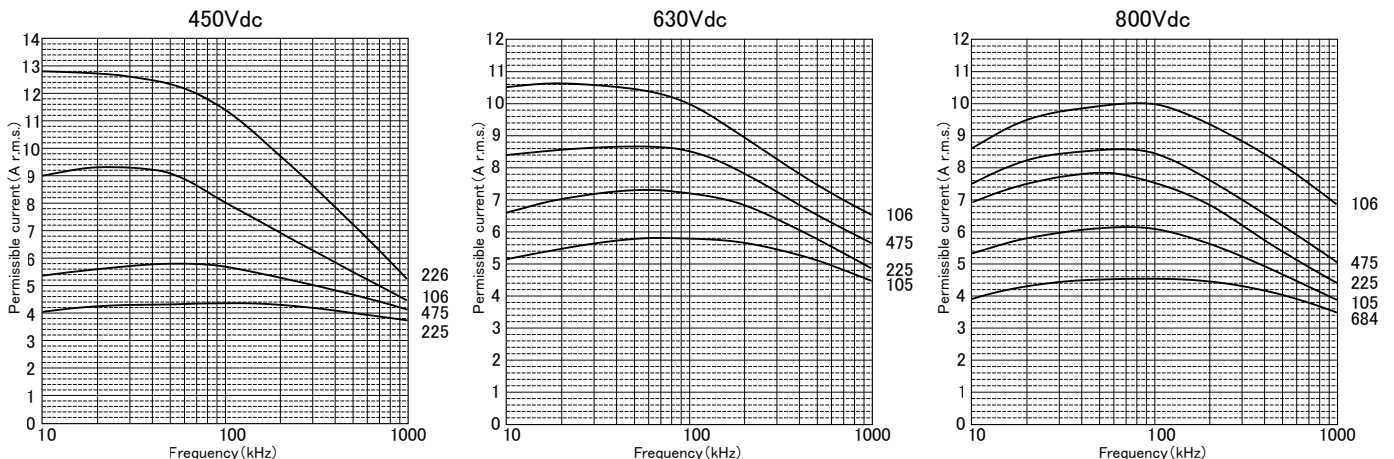


◆寸法図/DIMENSIONS

(mm)



◆周波数に対する許容電流/PERMISSIBLE CURRENT FOR FREQUENCY



◆標準品一覧表／STANDARD SIZE

\*\*：リード加工記号/Lead Forming

| 定格電圧<br>Rated Voltage<br>(Vdc) | 静電容量<br>Capacitance<br>( $\mu$ F) | 寸法<br>Dimensions (mm) |      |      |             |              |     | 標準梱包数/Typical Packaging Quantity (pcs) |        | 品番<br>Part No |
|--------------------------------|-----------------------------------|-----------------------|------|------|-------------|--------------|-----|--|--------|---------------|
|                                |                                   | A                     | B    | C    | F $\pm$ 1.0 | LS $\pm$ 0.5 | d   | ロングリード品 Long Lead type                 |        |               |
|                                |                                   |                       |      |      |             |              |     | Bag                                    | Carton |               |
| 450                            | 2.2                               | 21.0                  | 16.5 | 18.5 | 17.5        | -            | 1.0 | 100                                    | 500    | 450PCK225J**  |
|                                | 3.3                               | 21.0                  | 19.0 | 21.0 | 17.5        | -            | 1.0 | 100                                    | 500    | 450PCK335J**  |
|                                | 4.7                               | 26.0                  | 19.0 | 21.0 | 22.5        | -            | 1.0 | 100                                    | 400    | 450PCK475J**  |
|                                | 6.8                               | 26.0                  | 22.0 | 24.0 | 22.5        | -            | 1.2 | 100                                    | 300    | 450PCK685J**  |
|                                | 10                                | 26.0                  | 25.5 | 27.5 | 22.5        | -            | 1.2 | 50                                     | 250    | 450PCK106J**  |
|                                | 15                                | 26.0                  | 30.0 | 32.0 | 22.5        | -            | 1.2 | 50                                     | 200    | 450PCK156J**  |
|                                | 22                                | 26.0                  | 35.5 | 37.5 | 22.5        | -            | 1.2 | 40                                     | 160    | 450PCK226J**  |
| 630                            | 33                                | 36.0                  | 35.0 | 37.0 | 32.5        | -            | 1.2 | 20                                     | 100    | 450PCK336J**  |
|                                | 1                                 | 21.0                  | 16.0 | 18.0 | 17.5        | -            | 1.0 | 100                                    | 800    | 630PCK105J**  |
|                                | 1.5                               | 21.0                  | 19.0 | 21.0 | 17.5        | -            | 1.0 | 100                                    | 500    | 630PCK155J**  |
|                                | 2.2                               | 21.0                  | 22.0 | 24.0 | 17.5        | -            | 1.0 | 100                                    | 400    | 630PCK225J**  |
|                                | 3.3                               | 26.0                  | 23.0 | 25.0 | 22.5        | -            | 1.2 | 100                                    | 300    | 630PCK335J**  |
|                                | 4.7                               | 26.0                  | 26.0 | 28.0 | 22.5        | -            | 1.2 | 50                                     | 300    | 630PCK475J**  |
|                                | 6.8                               | 26.0                  | 30.0 | 32.0 | 22.5        | -            | 1.2 | 50                                     | 200    | 630PCK685J**  |
| 800                            | 10                                | 36.0                  | 30.0 | 32.0 | 32.5        | -            | 1.2 | 40                                     | 160    | 630PCK106J**  |
|                                | 15                                | 36.0                  | 34.0 | 36.0 | 32.5        | -            | 1.2 | 40                                     | 120    | 630PCK156J**  |
|                                | 0.68                              | 21.0                  | 18.0 | 20.0 | 17.5        | -            | 1.0 | 100                                    | 500    | 800PCK684J**  |
|                                | 1                                 | 21.0                  | 21.0 | 23.0 | 17.5        | -            | 1.0 | 100                                    | 500    | 800PCK105J**  |
|                                | 1.5                               | 21.0                  | 24.5 | 26.5 | 17.5        | -            | 1.0 | 100                                    | 300    | 800PCK155J**  |
|                                | 2.2                               | 21.0                  | 28.5 | 30.5 | 17.5        | -            | 1.2 | 50                                     | 250    | 800PCK225J**  |
|                                | 3.3                               | 26.0                  | 30.0 | 32.0 | 22.5        | -            | 1.2 | 50                                     | 200    | 800PCK335J**  |
| 1000                           | 4.7                               | 26.0                  | 35.0 | 37.0 | 22.5        | -            | 1.2 | 40                                     | 160    | 800PCK475J**  |
|                                | 6.8                               | 36.0                  | 34.0 | 36.0 | 32.5        | -            | 1.2 | 40                                     | 120    | 800PCK685J**  |
|                                | 10                                | 36.0                  | 40.0 | 42.0 | 32.5        | -            | 1.2 | 20                                     | 80     | 800PCK106J**  |
|                                | 0.68                              | 21.0                  | 22.5 | 24.5 | 17.5        | -            | 1.0 | 100                                    | 300    | 101PCK684J**  |
|                                | 1                                 | 21.0                  | 26.5 | 28.5 | 17.5        | -            | 1.2 | 100                                    | 300    | 101PCK105J**  |
|                                | 1.5                               | 26.0                  | 26.5 | 28.5 | 22.5        | -            | 1.2 | 50                                     | 200    | 101PCK155J**  |
|                                | 2.2                               | 26.0                  | 31.5 | 33.5 | 22.5        | -            | 1.2 | 50                                     | 200    | 101PCK225J**  |
| 1250                           | 3.3                               | 36.0                  | 30.5 | 32.5 | 32.5        | -            | 1.2 | 40                                     | 160    | 101PCK335J**  |
|                                | 4.7                               | 36.0                  | 36.0 | 38.0 | 32.5        | -            | 1.2 | 20                                     | 100    | 101PCK475J**  |
|                                | 0.22                              | 21.0                  | 19.0 | 21.0 | 17.5        | -            | 1.0 | 100                                    | 500    | 121PCK224J**  |
|                                | 0.33                              | 21.0                  | 22.5 | 24.5 | 17.5        | -            | 1.0 | 100                                    | 300    | 121PCK334J**  |
|                                | 0.47                              | 21.0                  | 26.0 | 28.0 | 17.5        | -            | 1.0 | 100                                    | 300    | 121PCK474J**  |
|                                | 0.68                              | 21.0                  | 30.5 | 32.5 | 17.5        | -            | 1.2 | 50                                     | 200    | 121PCK684J**  |
|                                | 1                                 | 26.0                  | 29.5 | 31.5 | 22.5        | -            | 1.2 | 50                                     | 200    | 121PCK105J**  |
| 1250                           | 1.5                               | 26.0                  | 35.5 | 37.5 | 22.5        | -            | 1.2 | 40                                     | 160    | 121PCK155J**  |
|                                | 2.2                               | 36.0                  | 33.5 | 35.5 | 32.5        | -            | 1.2 | 40                                     | 120    | 121PCK225J**  |
|                                | 3.3                               | 36.0                  | 40.0 | 42.0 | 32.5        | -            | 1.2 | 20                                     | 80     | 121PCK335J**  |

- ・上記以外の容量はお問い合わせください。  
For details, please consult our sales offices.
- ・AC品も対応可能です。ご相談ください。  
AC type is also available.

◆周波数に対する許容電流／PERMISSIBLE CURRENT FOR FREQUENCY

