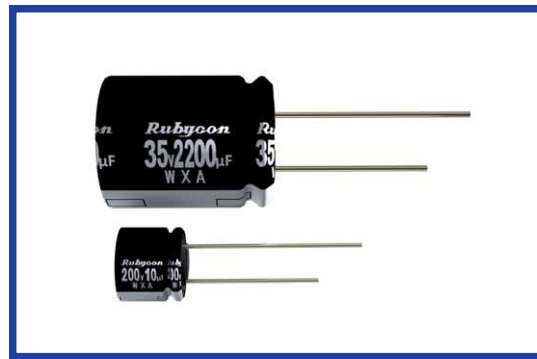


WXA シリーズ  
SERIES

105°C 高さ9mm~25mm品  
105°C 9mm~25mm Height

- ・105°C 2000時間品。  
Load Life : 105°C 2000 hours.
- ・AEC-Q200対応可。  
AEC-Q200.



◆規格表 / SPECIFICATIONS

| 項目 Items  | 特性 Characteristics   |            |   |      |      |      |      |      |      |      |      |               |      |      |
|---|--|------------|---|------|------|------|------|------|------|------|------|---------------|------|------|
| カテゴリ温度範囲<br>Category Temperature Range                                  | -55~+105°C   | -40~+105°C | -25~+105°C  |      |      |      |      |      |      |      |      |               |      |      |
| 定格電圧範囲<br>Rated Voltage Range   | 6.3~50Vdc  | 160~250Vdc | 350~450Vdc  |      |      |      |      |      |      |      |      |               |      |      |
| 静電容量許容差<br>Capacitance Tolerance  | ±20%(20°C, 120Hz)  |            |   |      |      |      |      |      |      |      |      |               |      |      |
| 漏れ電流<br>Leakage Current(MAX)  | 6.3~50Vdc  |            | 160~450Vdc  |      |      |      |      |      |      |      |      |               |      |      |
|   | I=0.01CV又は3μAのいずれか大なる値以下<br>I=0.01CV or 3μA whichever is greater.<br>(定格電圧印加2分後)<br>(After 2 minutes application of rated voltage)   |            | CV≤1000<br>CV>1000  |      |      |      |      |      |      |      |      |               |      |      |
|   | I=漏れ電流(μA)<br>Leakage Current  |            | C=静電容量(μF)<br>Capacitance<br>V=定格電圧(Vdc)<br>Rated Voltage |      |      |      |      |      |      |      |      |               |      |      |
| 損失角の正接(tanδ)<br>Dissipation Factor(MAX)                                 | 定格電圧(Vdc)<br>Rated Voltage   |            |   |      |      |      |      |      |      |      |      | (20°C, 120Hz) |      |      |
|   | tanδ   | φ8, φ10    | 0.30  | 0.26 | 0.20 | 0.18 | 0.14 | 0.12 | 0.20 | 0.20 | 0.20 |               | 0.20 | 0.20 |
| 耐久<br>Endurance   | 105°C中で2000時間定格電圧(リップル重畳)印加後、下記項目を満足すること。<br>After applying rated voltage with rated ripple current for 2000 hours at 105°C, the capacitors shall meet the following requirements. |            |   |      |      |      |      |      |      |      |      |               |      |      |
|   | 静電容量変化率<br>Capacitance Change  |            | 初期値の±25%以内<br>Within ±25% of the initial value.           |      |      |      |      |      |      |      |      |               |      |      |
|   | 損失角の正接<br>Dissipation Factor   |            | 規格値の200%以下<br>Not more than 200% of the specified value.  |      |      |      |      |      |      |      |      |               |      |      |
| 低温特性<br>Low Temperature Stability<br>(インピーダンス比)<br>Impedance Ratio(MAX) | 定格電圧(Vdc)<br>Rated Voltage   |            |   |      |      |      |      |      |      |      |      | (120Hz)       |      |      |
|   | Z(-25°C)/Z(20°C)   | 4          | 3   | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 6    |               | 6    | 6    |
|   | Z(-40°C)/Z(20°C)   | 8          | 6   | 4    | 4    | 3    | 3    | -    | -    | -    | -    |               | -    | -    |

◆リップル電流補正係数 / MULTIPLIER FOR RIPPLE CURRENT

| 周波数(Hz)<br>Frequency | 60(50) | 120  | 500  | 1k   | 10k≤ |
|----------------------|--------|------|------|------|------|
| 1.5~6.8μF            | 0.65   | 1.00 | 1.20 | 1.30 | 1.50 |
| 10~68μF              | 0.80   | 1.00 | 1.20 | 1.30 | 1.50 |
| 100~1000μF           | 0.80   | 1.00 | 1.10 | 1.15 | 1.20 |
| 2200~10000μF         | 0.80   | 1.00 | 1.05 | 1.10 | 1.15 |

◆副記号 / OPTION

|                    | 記号 Code |
|--------------------|---------|
| PETスリーブ PET Sleeve | EFC     |

◆呼称方法 / PART NUMBER

|                       |                 |                     |                                  |               |                         |                     |
|-----------------------|-----------------|---------------------|----------------------------------|---------------|-------------------------|---------------------|
| □□□                   | WXA             | □□□□□               | M                                | □□□           | □□                      | D×L                 |
| 定格電圧<br>Rated Voltage | シリーズ名<br>Series | 静電容量<br>Capacitance | 静電容量許容差<br>Capacitance Tolerance | 副記号<br>Option | リード加工記号<br>Lead Forming | ケースサイズ<br>Case Size |

