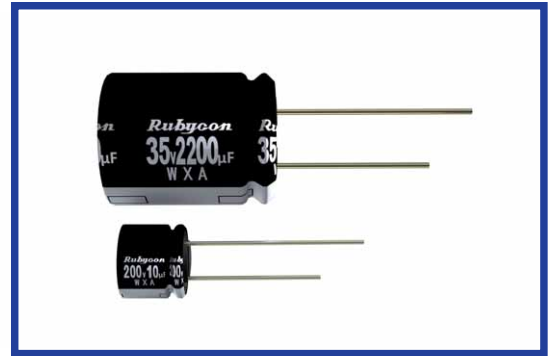


WXA シリーズ
SERIES

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.

RoHS
compliance



◆規格表 / SPECIFICATIONS

| 項目 Items | 特性 Characteristics | | | | | | | | | | | | | |
|---|--|---|---|------|------|------|------|------|------|------|------|---------------|------|---------|
| カテゴリ温度範囲 Category Temperature Range | -55~+105°C | -40~+105°C | -25~+105°C | | | | | | | | | | | |
| 定格電圧範囲 Rated Voltage Range | 6.3~50Vdc | 160~250Vdc | 350~450Vdc | | | | | | | | | | | |
| 静電容量許容差 Capacitance Tolerance | ±20%(20°C, 120Hz) | | | | | | | | | | | | | |
| 漏れ電流 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 I=0.01CV or 3µA whichever is greater. (定格電圧印加2分後) (After 2 minutes application of rated voltage) | CV≤1000 | CV>1000 | | | | | | | | | | | |
| | | I=0.1CV+40µA以下(1分値) I=0.1CV+40µA (1minute) I=0.03CV+15µA以下(5分値) I=0.03CV+15µA (5minutes) | I=0.04CV+100µA以下(1分値) I=0.04CV+100µA (1minute) I=0.02CV+25µA以下(5分値) I=0.02CV+25µA (5minutes) | | | | | | | | | | | |
| I=漏れ電流(µA) Leakage Current | C=静電容量(µF) Capacitance | V=定格電圧(Vdc) Rated Voltage | | | | | | | | | | | | |
| 損失角の正接(tanδ) Dissipation Factor(MAX) | 定格電圧(Vdc) 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 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。 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 Capacitance Change | 初期値の±25%以内 Within ±25% of the initial value. | | | | | | | | | | | | |
| | 損失角の正接 Dissipation Factor | 規格値の200%以下 Not more than 200% of the specified value. | | | | | | | | | | | | |
| 低温特性 Low Temperature Stability (インピーダンス比) Impedance Ratio(MAX) | 漏れ電流 Leakage Current | 規格値以下 Not more than the specified value. | | | | | | | | | | | | |
| | 定格電圧(Vdc) Rated Voltage | 6.3 | 10 | 16 | 25 | 35 | 50 | 160 | 200 | 250 | 350 | 400 | 450 | (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) 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 Rated Voltage | シリーズ名 Series | 静電容量 Capacitance | 静電容量許容差 Capacitance Tolerance | 副記号 Option | リード加工記号 Lead Forming | ケースサイズ Case Size |

