

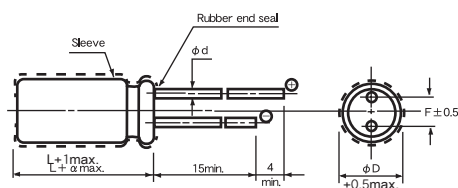
●高さ5mm 105°C品

UTCXWシリーズ JIS C5101
CE-04
(耐洗浄品)

■特徴

- ・公称高さ寸法5mmのシリーズで使用温度範囲を-40~+105°Cと広くした製品です。
- ・小形産業用機器にご使用頂くのに最適な製品です。

■寸法図/DIAGRAM OF DIMENSIONS



●5mm HEIGHT TYPE 105°C USE

TYPE UTCXW JIS C5101
CE-04
(Washable product)

■FEATURES

- ・ Authorized height dimension is standardized to 5 mm, and these are highly stabilized aluminium electrolytic capacitors with a wide operating temperature range of -40°C to +105°C.
- ・ These capacitors are very suitable to use for small size industrial apparatus not only for general domestic one.

Unit : mm

| | | | |
|-----|------|------|------|
| φ D | 4 | 5 | 6.3 |
| φ d | 0.45 | 0.45 | 0.45 |
| F | 1.5 | 2.0 | 2.5 |

■性能/PERFORMANCE SPECIFICATIONS

| | | | | | | | | |
|---|---|--|-------------|-------------|------|-------------|-------------|------|
| カテゴリー温度範囲 | CATEGORY TEMPERATURE RANGE | -40°C ~ +105°C | | | | | | |
| 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 | 0.20 | 0.16 | 0.13 | 0.12 |
| 耐久性 105°C 1000時間 定格使用電圧印加 | ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 105°C FOR 1000HOURS. | CAPACITANCE CHANGE : LESS THAN 25% OF THE INITIAL MEASURED VALUE. DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE. LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE. | | | | | | |
| 低温特性 (+20°Cにおける120Hzのインピーダンスに対する比) (最大値) | LOW TEMPERATURE STABILITY (RATIO OF IMPEDANCE AT COLD TO THAT AT 20°C, 120Hz. MAX. VALUE.) | W.V | -25°C/+20°C | -40°C/+20°C | W.V | -25°C/+20°C | -40°C/+20°C | |
| | | 6.3 | 4 | 10 | 25 | 2 | 4 | |
| | | 10 | 3 | 8 | 35 | 2 | 4 | |
| | | 16 | 2 | 6 | 50 | 2 | 3 | |
| その他の特性はJIS C5101-4に準ずる | THE OTHER CHARACTERISTICS | THE OTHER CHARACTERISTICS ARE BASED ON JIS C 5101-4 | | | | | | |

■寸法表/CASE SIZE TABLE Unit : mm

■Ripple current [Max. Value mA] at 105°C 120Hz.

| μF | W.V | 6.3 (0J) | | 10 (1A) | | 16 (1C) | | 25 (1E) | | 35 (1V) | | 50 (1H) | |
|------------|-----|----------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
| | | φ D×L | Ripple current | φ D×L | Ripple current | φ D×L | Ripple current | φ D×L | Ripple current | φ D×L | Ripple current | φ D×L | Ripple current |
| 0.1 (0R1) | | | | | | | | | | | | 4×5 | 1 |
| 0.22 (R22) | | | | | | | | | | | | 4×5 | 2 |
| 0.33 (R33) | | | | | | | | | | | | 4×5 | 3 |
| 0.47 (R47) | | | | | | | | | | | | 4×5 | 4 |
| 1.0 (010) | | | | | | | | | | | | 4×5 | 6 |
| 2.2 (2R2) | | | | | | | | | | | | 4×5 | 11 |
| 3.3 (3R3) | | | | | | | | | | | | 4×5 | 14 |
| 4.7 (4R7) | | | | | | | | 4×5 | 13 | 4×5 | 15 | 5×5 | 18 |
| 10 (100) | | | | | | 4×5 | 18 | 5×5 | 22 | 5×5 | 24 | 6.3×5 | 28 |
| 22 (220) | | 4×5 | 22 | 5×5 | 27 | 5×5 | 30 | 6.3×5 | 38 | 6.3×5 | 48 | | |
| 33 (330) | | 5×5 | 30 | 5×5 | 34 | 6.3×5 | 40 | 6.3×5 | 48 | | | | |
| 47 (470) | | 5×5 | 36 | 6.3×5 | 46 | 6.3×5 | 50 | | | | | | |
| 100 (101) | | 6.3×5 | 57 | | | | | | | | | | |

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER

