

●両極性105°C品

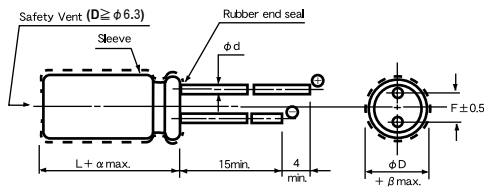
BPUWシリーズ

JIS C5101
CE-04
(耐洗浄品)

■特徴

- ・両極性構造の電解コンデンサです。
- ・極性が反転したり、また直流回路であるが短時間の交流電圧が印加されるような極性の一定しない回路にご使用頂けます。
- ・従来品より小形化されましたので機器の小形化ができます。
- ・自動挿入機用テーピング製品 (φ 12.5X25以下) 及び自立形フォーミング製品も取り揃えてあります。

■寸法図/DIAGRAM OF DIMENSIONS



Unit : mm

| | | | | | | |
|----|-----|-----|-----|-----|------|-----|
| φD | 5 | 6.3 | 8 | 10 | 12.5 | 16 |
| φd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 |
| F | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 |
| β | 0.5 | | | 1.0 | | |

L < 20 α = 1.5
L ≥ 20 α = 2

■性能/PERFORMANCE SPECIFICATIONS

| | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|--|------|------|------|------|------|----|----|----|-------|------|------|------|------|------|------|------|
| カテゴリ温度範囲 | 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 = 0.06CV OR 10 μA 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) | <table border="1"> <tr> <td>W. V</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>tan δ</td> <td>0.30</td> <td>0.25</td> <td>0.22</td> <td>0.20</td> <td>0.15</td> <td>0.15</td> <td>0.13</td> </tr> </table> <p>When the capacitance exceed 1,000 μF, the value of tan δ is increased by 0.02 for each increment of 1,000 μF or its fraction.</p> | W. V | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | tan δ | 0.30 | 0.25 | 0.22 | 0.20 | 0.15 | 0.15 | 0.13 |
| W. V | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | | | | | | | | | | | |
| tan δ | 0.30 | 0.25 | 0.22 | 0.20 | 0.15 | 0.15 | 0.13 | | | | | | | | | | | |
| 耐久性 105°C 2000時間 定格使用電圧印加 | ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 105°C FOR 2000HOURS. | CAPACITANCE CHANGE : LESS THAN 20% OF THE INITIAL MEASURED VALUE. DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE. LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE. | | | | | | | | | | | | | | | | |
| 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 r.m.s.] at 105°C 120Hz

| W.V μF | 6.3 (0J) | | 10 (1A) | | 16 (1C) | | 25 (1E) | | 35 (1V) | | 50 (1H) | | 63 (1J) | |
|------------|----------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|
| | φD×L | Ripple current | φD×L | Ripple current | φD×L | Ripple current | φD×L | Ripple current | φD×L | Ripple current | φD×L | Ripple current | φD×L | Ripple current |
| 2.2 (2R2) | | | | | | | | | | | 5×11 | 15 | | |
| 3.3 (3R3) | | | | | | | | | | | 5×11 | 18 | 5×11 | 20 |
| 4.7 (4R7) | | | | | | | | | 5×11 | 21 | 5×11 | 22 | 6.3×11 | 24 |
| 10 (100) | | | | | 5×11 | 27 | 5×11 | 27 | 5×11 | 30 | 6.3×11 | 37 | 6.3×11 | 40 |
| 22 (220) | | | 5×11 | 37 | 5×11 | 40 | 6.3×11 | 46 | 6.3×11 | 51 | 8×11.5 | 63 | 8×11.5 | 68 |
| 33 (330) | | | 5×11 | 45 | 5×11 | 49 | 6.3×11 | 56 | 8×11.5 | 72 | 8×11.5 | 77 | 10×12.5 | 98 |
| 47 (470) | 5×11 | 54 | 5×11 | 54 | 6.3×11 | 67 | 6.3×11 | 67 | 8×11.5 | 86 | 10×12.5 | 105 | 10×16 | 130 |
| 100 (101) | 6.3×11 | 90 | 6.3×11 | 90 | 8×11.5 | 110 | 8×11.5 | 110 | 10×16 | 160 | 10×20 | 190 | 12.5×20 | 225 |
| 220 (221) | 8×11.5 | 150 | 8×11.5 | 150 | 10×12.5 | 195 | 10×16 | 215 | 12.5×20 | 290 | 12.5×25 | 340 | 16×25 | 405 |
| 330 (331) | 8×11.5 | 185 | 10×16 | 240 | 10×16 | 265 | 12.5×20 | 320 | 12.5×20 | 350 | 16×25 | 460 | 16×31.5 | 535 |
| 470 (471) | 10×12.5 | 260 | 10×16 | 290 | 10×20 | 345 | 12.5×20 | 380 | 12.5×25 | 465 | 16×31.5 | 590 | | |
| 1000 (102) | 10×20 | 460 | 12.5×20 | 510 | 12.5×25 | 605 | 16×25 | 670 | 16×31.5 | 805 | | | | |
| 2200 (222) | 12.5×25 | 820 | 16×25 | 940 | 16×31.5 | 1070 | | | | | | | | |

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

