



## ●オーディオ用両極性ハイグレード品 (85°C)

BPSJ シリーズ

JIS C 5101  
CE-04

## ●Bipolar high-grade type for audio (85°C)

TYPE BPSJ

JIS C 5101  
CE-04

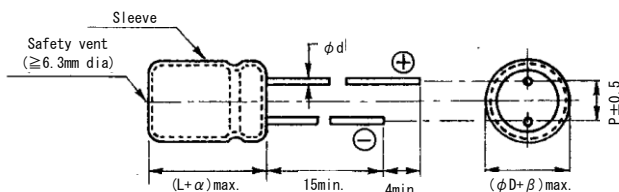
## ■特 徴

- ・オーディオ用両極性品
- ・高級オーディオ機器に最適
- ・RoHS指令 対応品

## ■FEATURES

- ・Bipolar products for audio
- ・Ideal for high-end audio equipment
- ・Compliant with RoHS directive

## ■寸法図/ DIAGRAM OF DIMENSIONS



スリーブ色/Color of sleeve: 透明/Clear

| ΦD | 5                          | 6.3 | 8   | 10  | 12.5 |
|----|----------------------------|-----|-----|-----|------|
| φd | 0.5                        | 0.5 | 0.6 | 0.6 | 0.6  |
| F  | 2.0                        | 2.5 | 3.5 | 5.0 | 5.0  |
| α  | L < 20: α=1.5, L ≥ 20: α=2 |     |     |     |      |
| β  | 0.5                        | 0.5 | 0.5 | 0.5 | 1.0  |

## ■性 能/ PERFORMANCE SPECIFICATIONS

|                               |                                                                                                |                                                                                                                                            |                                               |
|-------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| カテゴリ温度範囲                      | Category Temperature Range                                                                     | -40 ~ +85℃                                                                                                                                 |                                               |
| 標準静電容量許容差                     | Standrd Capacitance Tolerance                                                                  | -20 ~ +20% (20℃, 120Hz)                                                                                                                    |                                               |
| 漏れ電流(最大値)                     | Leakage Current (Max.Value)                                                                    | I=0.06CV or 10 μ A    Whichever is the greater (After 2 minutes)<br>I: leakage Current(μ A), C:Rated Capacitance(μ F), V: Rated Voltage(V) |                                               |
| 損失角の正接(最大値)<br>(tan δ )       | Dissipation Factor (Max.Value)<br>(tan δ )                                                     | W.V                                                                                                                                        | 50V                                           |
|                               |                                                                                                | tan δ                                                                                                                                      | 0.15                                          |
|                               |                                                                                                | (20℃, 120Hz)                                                                                                                               |                                               |
|                               |                                                                                                | When the capacitance exceed 1000 μ F, the value of tan δ is increased by 0.02 for each increment of 1000 μ F or its fraction.              |                                               |
| 耐 久 性<br>85℃ 1000時間<br>定格電圧印加 | Endurance<br><br>Application of rated operating voltage at 85℃ for 1000 hours.                 | Capacitance Change                                                                                                                         | Within ±20% of the initial value              |
|                               |                                                                                                | Dissipation Factor                                                                                                                         | Less than 200% of the initial specified value |
|                               |                                                                                                | Leakage Cureent                                                                                                                            | Less than the initial specified value         |
|                               |                                                                                                | *250 時間毎に極性反転/ Polarity reversal every 250 hours                                                                                           |                                               |
| 低温特性<br>インピーダンス比(最大値)         | Low Temperature Stability<br><br>Ratio of Impedance at Cold to that at 20℃,120Hz. (Max.Value.) | インピーダンス比/ Impedance ratio (at 120Hz)                                                                                                       |                                               |
|                               |                                                                                                | W.V                                                                                                                                        | 50V                                           |
|                               |                                                                                                | Z(-25℃)/Z(+20℃)                                                                                                                            | 2                                             |
|                               |                                                                                                | Z(-40℃)/Z(+20℃)                                                                                                                            | 4                                             |
| その他の特性はJIS C 5101-4に準ずる       | The Other Characteristics                                                                      | The other characteristics are based on JIS C 5101-4.                                                                                       |                                               |

## ■寸法表

| Capacitance<br>(μF) | 50V       |                |
|---------------------|-----------|----------------|
|                     | Case Size | Ripple Current |
|                     |           |                |
|                     |           |                |
|                     |           |                |
|                     |           |                |
| 4.7                 | 6.3 × 11  | 31             |
| 10                  | 6.3 × 11  | 45             |
| 22                  | 8 × 11.5  | 80             |
| 33                  | 10 × 12.5 | 110            |
| 47                  | 10 × 16   | 140            |
| 100                 | 12.5 × 20 | 250            |

Case Size: φD × L (mm)

Ripple Current: Max. Value (mA<sub>rms</sub>) at 85°C,120Hz

## ■品番ご指定法/HOW TO SPECIFY NUMBER

1H BPSJ □□ 4R7 M Q E11

- サイズ記号
- 付記コード/Additional Code
- 静電容量許容差/Capacitance Tolerance
- 静電容量記号/Capacitance Symbol
- 形状記号/Style Symbol
- シリーズ名/Series Name
- 定格電圧/Rated Voltage

この寸法表にないカスタム品も製造いたしますので、ご相談下さい。

Produce custom product too, which are not found in these tables.