



Premium Grade Type, For Audio Equipment

series

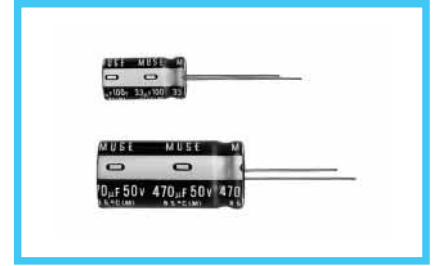


For Audio Use



Anti-Solvent Feature

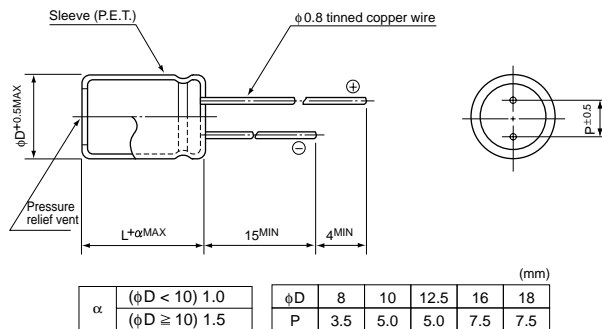
- Premium grade "nichicon MUSE" acoustic series.
- Ideally suited for first class audio equipment where qualitative and quantitative comfortableness is required.
- Adapted to the RoHS directive (2002/95/EC).



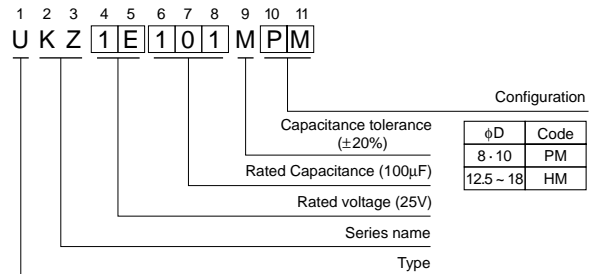
Specifications

| Item | Performance Characteristics | | | | |
|------------------------------|--|-----------------|--------------------|---|-----|
| Category Temperature Range | -40 ~ +85°C | | | | |
| Rated Voltage Range | 25 ~ 100V | | | | |
| Rated Capacitance Range | 10 ~ 1000μF | | | | |
| Capacitance Tolerance | ±20% at 120Hz, 20°C | | | | |
| Leakage Current | After 1 minute's application of rated voltage, leakage current is 0.01CV or less. | | | | |
| tan δ | Measurement frequency : 120Hz, Temperature : 20°C | | | | |
| | Rated voltage (V) | 25 | 50 | 100 | |
| | tan δ (MAX.) | 0.12 | 0.08 | 0.07 | |
| Stability at Low Temperature | Measurement frequency : 120Hz | | | | |
| | Rated voltage (V) | | 25 | 50 | 100 |
| | Impedance ratio ZT / Z20 (MAX.) | Z-25°C / Z+20°C | 2 | 2 | 2 |
| | | Z-40°C / Z+20°C | 4 | 3 | 3 |
| Endurance | After 1000 hours' application of rated voltage at 85°C, capacitors meet the characteristic requirements listed at right. | | Capacitance change | Within ±20% of initial value | |
| | | | tan δ | 150% or less of initial specified value | |
| | | | Leakage Current | Initial specified value or less | |
| Shelf Life | After leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for endurance characteristics listed above. | | | | |
| Marking | Printed with gold color letter on black sleeve. | | | | |

Radial Lead Type



Type numbering system (Example : 25V 100µF)



Dimensions

| | | φD × L (mm) | | | |
|-----------|------|-------------|-----------|-----------|--|
| Cap. (µF) | V | 25 | 50 | 100 | |
| 10 | Code | 1E | 1H | 2A | |
| 100 | 100 | | | 8 × 11.5 | |
| 22 | 220 | | 8 × 11.5 | 10 × 16 | |
| 33 | 330 | 8 × 11.5 | 10 × 12.5 | 10 × 20 | |
| 47 | 470 | 10 × 12.5 | 10 × 16 | 12.5 × 20 | |
| 100 | 101 | 10 × 16 | 12.5 × 20 | 16 × 25 | |
| 220 | 221 | 12.5 × 20 | 16 × 25 | 16 × 35.5 | |
| 330 | 331 | 12.5 × 25 | 16 × 31.5 | 18 × 35.5 | |
| 470 | 471 | 16 × 25 | 16 × 35.5 | | |
| 1000 | 102 | 16 × 35.5 | 18 × 40 | | |

Please refer to page 21, 22, 23 about the formed or taped product spec.
Please refer to page 3 for the minimum order quantity.