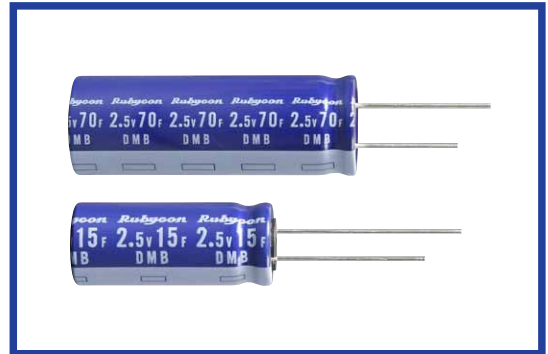


DMB SERIES

Load Life: 70°C 1000hours

◆FEATURES

- RoHS compliance



◆SPECIFICATIONS

| Items | Characteristics | |
|--|---|---|
| Category Temperature Range | -25~+70°C | |
| Rated Voltage Range | 2.5V.DC | |
| Capacitance Tolerance | ±20% (20°C) | |
| Characteristics at High and low Temperatures | Capacitance Change | $ \Delta C/C(+20^\circ C) \leq 30\%$ |
| | ESR | Max, 4 times of value at +20°C (at -25°C) |
| Endurance | After 1000 hours with rated voltage at 70°C, the capacitors shall meet the following requirements. | |
| | Capacitance Change | $ \Delta C/C(\text{initial}) \leq 30\%$ |
| | ESR | Max, 3 times of the specification |
| Storage at High Temperature | After 1000 hours without load at 70°C, the capacitors shall meet the same requirements specified for endurance. | |

◆PART NUMBER



◆DIMENSIONS

| | | | | | | | |
|----|-----|-----|------|-----|-----|------|------|
| φD | 8 | 10 | 12.5 | 16 | 18 | 20 | 22 |
| φd | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 | 1.0 | 1.0 |
| F | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 | 10.0 | 10.0 |

◆STANDARD SIZE

| Rated Voltage (V.DC) | Rated Capacitance (F) | ESR (Ω) at 1kHz | φD x L (mm) | Part No. |
|----------------------|-----------------------|-----------------|-------------|--------------------|
| 2.5 | 2.2 | 1 | 8×16 | 2.5DMB2R2□**8×16 |
| | 3.3 | | 8×20 | 2.5DMB3R3□**8×20 |
| | 4.7 | 0.5 | 10×20 | 2.5DMB4R7□**10×20 |
| | 10 | 10 | 10×35 | 2.5DMB10□**10×35 |
| | | | 12.5×25 | 2.5DMB10□**12.5×25 |
| | | 0.2 | 12.5×30 | 2.5DMB15□**12.5×30 |
| | | | 16×31.5 | 2.5DMB22□**16×31.5 |
| | | | 16×35.5 | 2.5DMB30□**16×35.5 |
| | | | 18×50 | 2.5DMB50□**18×50 |
| | | | 20×55 | 2.5DMB70□**20×55 |
| | | | 22×65 | 2.5DMB100□**22×65 |

□:Tolerance(M:±20) **Lead Forming