

Surface Mount Type

Series: EM

■ Features

- 1.Re-flow soldering method available (240°C)
- 2.Miniaturized : Diaφ6.8 x height 1.8mm max.
- 3.Longer life and environmentally friendly

Japan



■ Recommended Applications

Memory cards(power supply to hold memory)
Cordless telephones, PDAs, Digital cameras

■ Specifications

| | | |
|---|---|--|
| Category temp. range | -25 to +70°C | |
| Maximum Operating Voltage | 2.5 V .DC | |
| Nominal Capacitance | 0.2 F | |
| Stability at low temperature and high temperature | Category temp. range(-25°C) | |
| | Capacitance change | ±30% of initial measured value at +20°C |
| | Internal resistance | ≤ 5 times of initial measured value at +20°C |
| | Category temp. range(+70°C) | |
| | Capacitance change | ±30% of initial measured value at +20°C |
| | Internal resistance | ≤ measured value at +20°C |
| Endurance | After 500 hours application of 2.5V. DC at +70°C, the capacitor shall meet the following limits. | |
| | Capacitance change | ±30% of initial measured value |
| | Internal resistance | ≤ 4 times of initial specified value |
| Shelf Life | After 500 hours storage at +70°C without load, the capacitor shall meet the specified limits for Endurance. | |
| High temperature High humidity | After 500 hours storage at +40 C, 90 to 95% R.H., the capacitor shall meet the following limits. | |
| | Capacitance change | ±30% of initial measured value |
| | Internal resistance | ≤ initial specified value |

■ Dimensions in mm (not to scale)

| Type A | Type B | Type R |
|--------|--------|--------|
| | | |

■ Standard Products

| Maximum Operating Voltage (V.DC) | Capacitance (F) | Capacitance range (F) | Internal resistance (Ω) at 1kHz | Mass (g) | Part Number | Min. Packaging QTY |
|-------------------------------------|--------------------|--------------------------|------------------------------------|---------------|---------------|--------------------|
| | | | | | | Reel (pcs) |
| 2.5 | 0.2 | 0.16 to 0.36 | 100 | 0.2 (Approx.) | EECEM0E204() | 2000 |

The re-flow condition / taping dimensions are explained on page 11.

Please use it as a reference guide.

(): Please fill A,B or R, to indicate the terminal type.

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Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.