**KMW Series**

- Downsized from KMR series
- Endurance with ripple current: 2,000 hours at 105°C
- Rated voltage range: 400 to 450 Vdc
- Capacitance range: 120 to 1,000 μF
- Non solvent resistant type
- RoHS Compliant

◆ **SPECIFICATIONS**

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**Endurance**

The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for 2,000 hours at 105°C.

- Capacitance change ≤±20% of the initial value
- D.F. (tanδ) ≤200% of the initial specified value
- Leakage current ≤The initial specified value

**Shelf Life**

The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.

- Capacitance change ≤±15% of the initial value
- D.F. (tanδ) ≤150% of the initial specified value
- Leakage current ≤The initial specified value

◆ **DIMENSIONS [mm]**

- **Terminal Code: VS (φ22 to φ35): Standard**
  - Sleeve (PET: Brown)
  - Negative mark
  - PC board pin-out

- **Terminal Code: LI (φ35)**
  - Sleeve (PET: Brown)
  - Negative mark
  - PC board pin-out

The standard design has no plastic disc.

◆ **PART NUMBERING SYSTEM**

- **E KMW VS N MM S**
- **Supplement code**
- **Size code**
- **Capacitance tolerance code**
- **Capacitance code (ex. 180μF:181, 1,000μF:102)**
- **Dummy terminal code**
- **Terminal code (VS, LI)**
- **Voltage code (ex. 400V:401, 450V:451)**
- **Series code**
- **Category**

Please refer to "Product code guide (snap-in type)"
The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise. When long life performance is required in actual use, the rms ripple current has to be reduced.