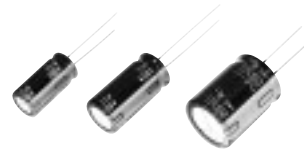


### Radial Lead Type

Series: **EB** Type: **A**



#### ■ Features

- Endurance : +105 °C 5000 h to 10000 h
- Hight ripple high frequency (Hight Voltage)
- RoHS directive compliant

#### ■ Specifications

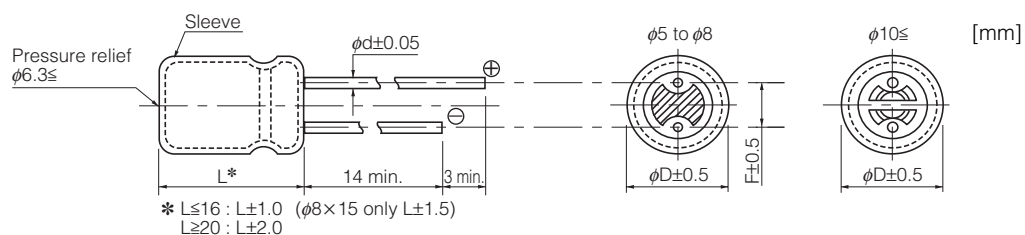
|                       |                                                                                                                                                                                                                                                                             |                                    |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Category Temp. Range  | -40 °C to +105 °C                                                                                                                                                                                                                                                           | -25 °C to +105 °C                  |
| Rated W.V. Range      | 10 V.DC to 63 V.DC                                                                                                                                                                                                                                                          | 160 V.DC to 450 V.DC               |
| Nominal Cap. Range    | 0.47 μF to 3300 μF                                                                                                                                                                                                                                                          | 10 μF to 330 μF                    |
| Capacitance Tolerance | ±20 % (120 Hz/+20 °C)                                                                                                                                                                                                                                                       |                                    |
| DC Leakage Current    | I ≤ 0.01 CV or 3 (μA)<br>After 2 minutes application of rated working voltage at +20 °C (Whichever is greater)                                                                                                                                                              |                                    |
| tan δ                 | Please see the attached standard products list                                                                                                                                                                                                                              |                                    |
| Endurance             | After following life test with DC voltage and +105 °C±2 °C ripple current value applied (The sum of DC and ripple peak voltage shall not exceed the rated working voltage), when the capacitors are restord to 20 °C, the capacitors shall meet the limits specified below. |                                    |
|                       | (10 to 63 V.DC)                                                                                                                                                                                                                                                             |                                    |
|                       | Duration : ϕ5×11 to ϕ8×11.5 : 5000 hours ϕ5×15 to ϕ6.3×15 : 7000 hours<br>ϕ8×15 to ϕ12.5×25 : 10000 hours                                                                                                                                                                   |                                    |
|                       | Capacitance change                                                                                                                                                                                                                                                          | ±30 % of initial measured value    |
|                       | tan δ                                                                                                                                                                                                                                                                       | ≤ 300 % of initial specified value |
|                       | DC leakage current                                                                                                                                                                                                                                                          | ≤ initial specified value          |
|                       | (160 to 450 V.DC)                                                                                                                                                                                                                                                           |                                    |
|                       | Duration : 5000 hours                                                                                                                                                                                                                                                       |                                    |
|                       | Capacitance change                                                                                                                                                                                                                                                          | ±20 % of initial measured value    |
|                       | tan δ                                                                                                                                                                                                                                                                       | ≤ 200 % of initial specified value |
|                       | DC leakage current                                                                                                                                                                                                                                                          | ≤ initial specified value          |
| Shelf Life            | After storage for 1000 hours at +105 °C±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance. (With voltage treatment)                                                                                 |                                    |

#### ■ Frequency correction factor for ripple current (10 ~ 63 V.DC)

| Capacitance<br>(μF) | Frequency (Hz) |      |      |      |       |
|---------------------|----------------|------|------|------|-------|
|                     | 60             | 120  | 1 k  | 10 k | 100 k |
| 0.47 to 10          | 0.75           | 1.00 | 1.40 | 1.55 | 1.65  |
| 22 to 470           | 0.85           | 1.00 | 1.20 | 1.25 | 1.30  |
| 1000 to 3300        | 0.95           | 1.00 | 1.05 | 1.10 | 1.15  |

| W. V.<br>(V. DC) | Frequency (Hz) |      |             |              |
|------------------|----------------|------|-------------|--------------|
|                  | 120            | 1 k  | 10 k to 30k | 30 k to 100k |
| 160 to 250       | 0.55           | 0.85 | 0.90        | 1.00         |
| 350 to 450       | 0.50           | 0.80 | 0.90        | 1.00         |

#### ■ Dimensions in mm (not to scale)



(mm)

|              |     |     |     |     |      |     |     |
|--------------|-----|-----|-----|-----|------|-----|-----|
| Body Dia. ϕD | 5   | 6.3 | 8   | 10  | 12.5 | 16  | 18  |
| Lead Dia. ϕd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6  | 0.8 | 0.8 |
| Lead space F | 2.0 | 2.5 | 3.5 | 5.0 | 5.0  | 7.5 | 7.5 |

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.  
Should a safety concern arise regarding this product, please be sure to contact us immediately.

00 Sep. 2010

## ■ Standard Products

| W.V. | Cap.<br>(±20 %) | Case size |        | Specification                                             |                               |                           | Lead Length  |            |              |               | Part No.       | Min. Packaging Q'ty |        |
|------|-----------------|-----------|--------|-----------------------------------------------------------|-------------------------------|---------------------------|--------------|------------|--------------|---------------|----------------|---------------------|--------|
|      |                 | Dia.      | Length | Ripple<br>Current<br>(120 Hz)<br>(+105 °C)<br>(mA r.m.s.) | tan δ<br>(120 Hz)<br>(+20 °C) | Endur-<br>ance<br>(hours) | Lead<br>Dia. | Lead Space |              |               |                | Straight<br>Leads   | Taping |
|      |                 |           |        |                                                           |                               |                           |              | Straight   | Taping<br>*B | Taping<br>*H  |                |                     |        |
| (V)  | (μF)            | (mm)      | (mm)   | (mA r.m.s.)                                               |                               | (hours)                   | (mm)         | (mm)       | (mm)         | (mm)          |                | (pcs)               | (pcs)  |
| 10   | 100             | 5         | 15     | 105                                                       | 0.30                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1A101( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 66                                                        | 0.30                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1A101S( ) | 200                 | 2000   |
|      | 220             | 6.3       | 15     | 152                                                       | 0.30                          | 7000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1A221( )  | 200                 | 2000   |
|      |                 | 6.3       | 11.2   | 100                                                       | 0.30                          | 5000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1A221S( ) | 200                 | 2000   |
|      | 470             | 8         | 15     | 278                                                       | 0.30                          | 10000                     | 0.6          | 3.5        | 5.0          |               | EEUEB1A471( )  | 200                 | 1000   |
|      |                 | 8         | 11.5   | 180                                                       | 0.30                          | 5000                      | 0.6          | 3.5        | 5.0          |               | EEUEB1A471S( ) | 200                 | 1000   |
|      | 2200            | 12.5      | 20     | 540                                                       | 0.32                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1A222( )  | 200                 | 500    |
| 16   | 3300            | 12.5      | 25     | 802                                                       | 0.34                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1A332( )  | 200                 | 500    |
|      | 1000            | 10        | 20     | 430                                                       | 0.25                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1C102( )  | 200                 | 500    |
|      | 2200            | 12.5      | 25     | 706                                                       | 0.27                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1C222( )  | 200                 | 500    |
| 25   | 47              | 5         | 15     | 78                                                        | 0.22                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1E470( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 55                                                        | 0.22                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1E470S( ) | 200                 | 2000   |
|      | 100             | 6.3       | 15     | 135                                                       | 0.22                          | 7000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1E101( )  | 200                 | 2000   |
|      |                 | 6.3       | 11.2   | 95                                                        | 0.22                          | 5000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1E101S( ) | 200                 | 2000   |
|      | 220             | 8         | 11.5   | 125                                                       | 0.22                          | 5000                      | 0.6          | 3.5        | 5.0          |               | EEUEB1E221S( ) | 200                 | 1000   |
|      | 330             | 8         | 15     | 255                                                       | 0.22                          | 10000                     | 0.6          | 3.5        | 5.0          |               | EEUEB1E331( )  | 200                 | 1000   |
|      | 470             | 10        | 16     | 321                                                       | 0.22                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1E471( )  | 200                 | 500    |
| 1000 | 12.5            | 20        | 498    | 0.22                                                      | 10000                         | 0.6                       | 5.0          | 5.0        |              | EEUEB1E102( ) | 200            | 500                 |        |
| 35   | 33              | 5         | 15     | 66                                                        | 0.18                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1V330( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 46                                                        | 0.18                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1V330S( ) | 200                 | 2000   |
|      | 220             | 8         | 15     | 197                                                       | 0.18                          | 10000                     | 0.6          | 3.5        | 5.0          |               | EEUEB1V221( )  | 200                 | 1000   |
|      | 330             | 10        | 16     | 278                                                       | 0.18                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1V331( )  | 200                 | 500    |
|      | 470             | 10        | 20     | 349                                                       | 0.18                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1V471( )  | 200                 | 500    |
| 50   | 1000            | 12.5      | 25     | 586                                                       | 0.18                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1V102( )  | 200                 | 500    |
| 50   | 0.47            | 5         | 11     | 4                                                         | 0.15                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1HR47S( ) | 200                 | 2000   |
|      | 1               | 5         | 11     | 8                                                         | 0.15                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1H1R0S( ) | 200                 | 2000   |
|      | 2.2             | 5         | 11     | 15                                                        | 0.15                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1H2R2S( ) | 200                 | 2000   |
|      | 3.3             | 5         | 11     | 18                                                        | 0.15                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1H3R3S( ) | 200                 | 2000   |
|      | 4.7             | 5         | 11     | 18                                                        | 0.15                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1H4R7S( ) | 200                 | 2000   |
|      | 10              | 5         | 11     | 27                                                        | 0.15                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1H100S( ) | 200                 | 2000   |
|      | 22              | 5         | 15     | 55                                                        | 0.15                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1H220( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 39                                                        | 0.15                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1H220S( ) | 200                 | 2000   |
|      | 47              | 6.3       | 15     | 87                                                        | 0.15                          | 7000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1H470( )  | 200                 | 2000   |
|      |                 | 6.3       | 11.2   | 61                                                        | 0.15                          | 5000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1H470S( ) | 200                 | 2000   |
|      | 100             | 8         | 11.5   | 99                                                        | 0.15                          | 5000                      | 0.6          | 3.5        | 5.0          |               | EEUEB1H101S( ) | 200                 | 1000   |
|      | 220             | 10        | 16     | 234                                                       | 0.15                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1H221( )  | 200                 | 500    |
|      | 330             | 10        | 20     | 293                                                       | 0.15                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1H331( )  | 200                 | 500    |
|      | 470             | 12.5      | 20     | 370                                                       | 0.15                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1H471( )  | 200                 | 500    |
| 63   | 0.47            | 5         | 15     | 6                                                         | 0.12                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1JR47( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 4.5                                                       | 0.12                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1JR47S( ) | 200                 | 2000   |
|      | 1               | 5         | 15     | 12                                                        | 0.12                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J1R0( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 9                                                         | 0.12                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J1R0S( ) | 200                 | 2000   |
|      | 2.2             | 5         | 15     | 22                                                        | 0.12                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J2R2( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 16.5                                                      | 0.12                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J2R2S( ) | 200                 | 2000   |
|      | 3.3             | 5         | 15     | 30                                                        | 0.12                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J3R3( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 20                                                        | 0.12                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J3R3S( ) | 200                 | 2000   |
|      | 4.7             | 5         | 15     | 30                                                        | 0.12                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J4R7( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 23                                                        | 0.12                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J4R7S( ) | 200                 | 2000   |
|      | 10              | 5         | 15     | 46                                                        | 0.12                          | 7000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J100( )  | 200                 | 2000   |
|      |                 | 5         | 11     | 30                                                        | 0.12                          | 5000                      | 0.5          | 2.0        | 5.0          | 2.5           | EEUEB1J100S( ) | 200                 | 2000   |
|      | 22              | 6.3       | 15     | 55                                                        | 0.12                          | 7000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1J220( )  | 200                 | 2000   |
|      |                 | 6.3       | 11.2   | 40                                                        | 0.12                          | 5000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1J220S( ) | 200                 | 2000   |
|      | 33              | 6.3       | 15     | 71                                                        | 0.12                          | 7000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1J330( )  | 200                 | 2000   |
|      |                 | 6.3       | 11.2   | 50                                                        | 0.12                          | 5000                      | 0.5          | 2.5        | 5.0          | 2.5           | EEUEB1J330S( ) | 200                 | 2000   |
|      | 47              | 8         | 15     | 94                                                        | 0.12                          | 10000                     | 0.6          | 3.5        | 5.0          |               | EEUEB1J470( )  | 200                 | 1000   |
|      |                 | 8         | 11.5   | 80                                                        | 0.12                          | 5000                      | 0.6          | 3.5        | 5.0          |               | EEUEB1J470S( ) | 200                 | 1000   |
|      | 100             | 8         | 15     | 180                                                       | 0.12                          | 10000                     | 0.6          | 3.5        | 5.0          |               | EEUEB1J101( )  | 200                 | 1000   |
|      | 220             | 10        | 20     | 292                                                       | 0.12                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1J221( )  | 200                 | 500    |
|      | 330             | 12.5      | 20     | 381                                                       | 0.12                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1J331( )  | 200                 | 500    |
|      | 470             | 12.5      | 25     | 454                                                       | 0.12                          | 10000                     | 0.6          | 5.0        | 5.0          |               | EEUEB1J471( )  | 200                 | 500    |

Endurance : 105 °C  $\phi 5 \times 11$  to  $\phi 8 \times 11.5 = 5000$  h,  $\phi 5 \times 15$  to  $\phi 6.3 \times 15 = 7000$  h,  $\phi 8 \times 15$  to  $\phi 12.5 \times 25 = 10000$  h

When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch B=5 mm, 7.5 mm, H=2.5 mm.

The taping dimensions are explained on EE189 of our Catalog. Please use it as a reference guide.

## ■ Standard Products

| W.V. | Cap.<br>(±20 %) | Case size |        | Specification                                           |                               |                      | Lead Length |            |              | Part No.       | Min. Packaging Q'ty |        |
|------|-----------------|-----------|--------|---------------------------------------------------------|-------------------------------|----------------------|-------------|------------|--------------|----------------|---------------------|--------|
|      |                 | Dia.      | Length | Ripple Current<br>(100 kHz)<br>(+105 °C)<br>(mA r.m.s.) | tan δ<br>(120 Hz)<br>(+20 °C) | Endurance<br>(hours) | Lead Dia.   | Lead Space |              |                | Straight Leads      | Taping |
|      |                 |           |        |                                                         |                               |                      |             | Straight   | Taping<br>*B |                |                     |        |
| (V)  | (μF)            | (mm)      | (mm)   |                                                         |                               |                      | (mm)        | (mm)       | (mm)         |                | (pcs)               | (pcs)  |
| 160  | 22              | 10        | 20     | 470                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2C220( )  | 200                 | 500    |
|      | 33              | 10        | 20     | 470                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2C330( )  | 200                 | 500    |
|      | 47              | 12.5      | 20     | 600                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2C470( )  | 200                 | 500    |
|      | 68              | 12.5      | 25     | 750                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2C680( )  | 200                 | 500    |
|      |                 | 16        | 20     | 750                                                     | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2C680S( ) | 100                 | 250    |
|      | 100             | 16        | 25     | 1060                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2C101( )  | 100                 | 250    |
|      |                 | 18        | 20     | 1060                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2C101S( ) | 100                 | 250    |
|      | 150             | 16        | 31.5   | 1280                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2C151     | 100                 | —      |
|      |                 | 18        | 25     | 1280                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2C151S( ) | 100                 | 250    |
|      | 220             | 16        | 31.5   | 1280                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2C221     | 100                 | —      |
|      |                 | 18        | 25     | 1280                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2C221S( ) | 100                 | 250    |
|      | 330             | 18        | 31.5   | 1690                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2C331     | 50                  | —      |
| 200  | 22              | 10        | 20     | 470                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2D220( )  | 200                 | 500    |
|      | 33              | 12.5      | 20     | 600                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2D330( )  | 200                 | 500    |
|      | 47              | 12.5      | 20     | 600                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2D470( )  | 200                 | 500    |
|      | 68              | 12.5      | 25     | 750                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2D680( )  | 200                 | 500    |
|      |                 | 16        | 20     | 750                                                     | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2D680S( ) | 100                 | 250    |
|      | 100             | 16        | 25     | 1060                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2D101( )  | 100                 | 250    |
|      |                 | 18        | 20     | 1060                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2D101S( ) | 100                 | 250    |
|      | 150             | 16        | 31.5   | 1280                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2D151     | 100                 | —      |
|      |                 | 18        | 25     | 1280                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2D151S( ) | 100                 | 250    |
|      | 220             | 18        | 31.5   | 1690                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2D221     | 100                 | —      |
| 250  | 22              | 12.5      | 20     | 560                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2E220( )  | 200                 | 500    |
|      | 33              | 12.5      | 20     | 560                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2E330( )  | 200                 | 500    |
|      | 47              | 12.5      | 25     | 710                                                     | 0.15                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2E470( )  | 200                 | 500    |
|      |                 | 16        | 20     | 710                                                     | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2E470S( ) | 100                 | 250    |
|      | 68              | 16        | 25     | 990                                                     | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2E680( )  | 100                 | 250    |
|      |                 | 18        | 20     | 990                                                     | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2E680S( ) | 100                 | 250    |
|      | 100             | 16        | 31.5   | 1200                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2E101     | 100                 | —      |
|      |                 | 18        | 25     | 1200                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2E101S( ) | 100                 | 250    |
|      | 150             | 18        | 31.5   | 1470                                                    | 0.15                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2E151     | 50                  | —      |
| 350  | 10              | 10        | 20     | 270                                                     | 0.20                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2V100( )  | 200                 | 500    |
|      | 22              | 12.5      | 20     | 350                                                     | 0.20                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2V220( )  | 200                 | 500    |
|      | 33              | 16        | 20     | 480                                                     | 0.20                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2V330S( ) | 100                 | 250    |
|      | 47              | 16        | 25     | 640                                                     | 0.20                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2V470( )  | 100                 | 250    |
|      |                 | 18        | 20     | 640                                                     | 0.20                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2V470S( ) | 100                 | 250    |
|      | 68              | 16        | 31.5   | 780                                                     | 0.20                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2V680     | 100                 | —      |
|      |                 | 18        | 25     | 780                                                     | 0.20                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2V680S( ) | 100                 | 250    |
|      | 100             | 18        | 31.5   | 970                                                     | 0.20                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2V101     | 50                  | —      |
| 400  | 10              | 10        | 20     | 250                                                     | 0.24                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2G100( )  | 200                 | 500    |
|      | 22              | 12.5      | 25     | 410                                                     | 0.24                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2G220( )  | 200                 | 500    |
|      |                 | 16        | 20     | 410                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2G220S( ) | 100                 | 250    |
|      | 33              | 16        | 25     | 600                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2G330( )  | 100                 | 250    |
|      |                 | 18        | 20     | 600                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2G330S( ) | 100                 | 250    |
|      | 47              | 16        | 31.5   | 730                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2G470     | 100                 | —      |
|      |                 | 18        | 25     | 730                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2G470S( ) | 100                 | 250    |
| 450  | 10              | 12.5      | 20     | 310                                                     | 0.24                          | 5000                 | 0.6         | 5.0        | 5.0          | EEUEB2W100( )  | 200                 | 500    |
|      | 22              | 16        | 25     | 560                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2W220( )  | 100                 | 250    |
|      |                 | 18        | 20     | 560                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2W220S( ) | 100                 | 250    |
|      | 33              | 16        | 31.5   | 680                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2W330( )  | 100                 | —      |
|      |                 | 18        | 25     | 680                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | 7.5          | EEUEB2W330S( ) | 100                 | 250    |
|      | 47              | 18        | 31.5   | 850                                                     | 0.24                          | 5000                 | 0.8         | 7.5        | —            | EEUEB2W470     | 50                  | —      |

Endurance : 105 °C 5000 h

When requesting taped product, please put the letter "B" between the "( )". Lead wire pitch B=5 mm, 7.5 mm.

The taping dimensions are explained on EE189 of our Catalog. Please use it as a reference guide.