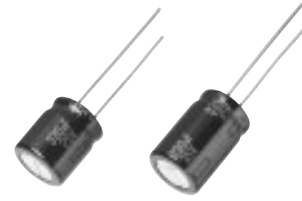


### Radial Lead Type

Series: **FM** Type: **A**



#### ■ Features

- Low impedance (40 % to 70 % less than FC Series)
- Endurance : 2000 h to 7000 h at +105 °C
- RoHS directive compliant

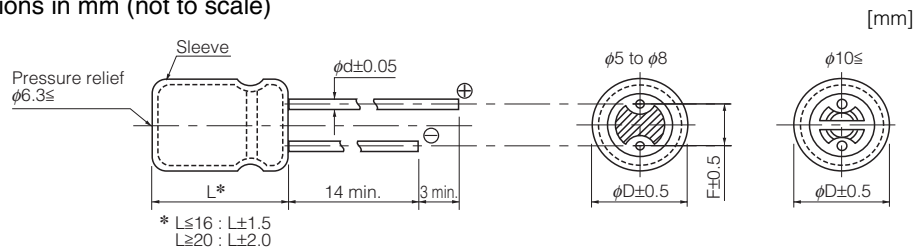
#### ■ Specifications

|   |  |      |      |      |      |      |      |                        |
|---|--|------|------|------|------|------|------|------------------------|
| Category Temp. Range                                  | -40 °C to +105 °C  |      |      |      |      |      |      |                        |
| Rated W.V. Range                                      | 6.3 V.DC to 50 V.DC  |      |      |      |      |      |      |                        |
| Nominal Cap. Range                                    | 22 μF to 6800 μF   |      |      |      |      |      |      |                        |
| Capacitance Tolerance                                 | ±20 % (120 Hz/+20 °C)  |      |      |      |      |      |      |                        |
| DC Leakage Current                                    | I ≤ 0.01 CV (μA) After 2 minutes   |      |      |      |      |      |      |                        |
| tan δ   | W.V.   | 6.3  | 10   | 16   | 25   | 35   | 50   | (max.) (120 Hz/+20 °C) |
|   | tan δ  | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 |                        |
| Add 0.02 per 1000 μF for products of 1000 μF or more. |  |      |      |      |      |      |      |                        |
| 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 restored to 20 °C, the capacitors shall meet the limits specified below. |      |      |      |      |      |      |                        |
|   | Duration   |      |      |      |      |      |      |                        |
|   | φ5 to φ6.3 : 2000 hours, φ8×11.5 to φ8×15: 3000 hours  |      |      |      |      |      |      |                        |
|   | φ8×20 to φ10×16 : 4000 hours, φ10×20 to φ12.5×20/ φ16×20: 5000 hours<br>φ12.5×25 to φ12.5×35/ φ16×25 : 7000 hours  |      |      |      |      |      |      |                        |
| Capacitance change                                    | ±25 % of initial measured value (6.3 V to 10 V : ±30 %)  |      |      |      |      |      |      |                        |
| 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

| W.V.(V.DC) | Cap (μF)     | Frequency (Hz) |      |      |      |       |
|------------|--------------|----------------|------|------|------|-------|
|            |              | 60             | 120  | 1 k  | 10 k | 100 k |
| 6.3 to 50  | 22 to 33     | 0.45           | 0.55 | 0.75 | 0.90 | 1.00  |
|            | 47 to 330    | 0.60           | 0.70 | 0.85 | 0.95 | 1.00  |
|            | 390 to 1000  | 0.65           | 0.75 | 0.90 | 0.98 | 1.00  |
|            | 1200 to 6800 | 0.75           | 0.80 | 0.95 | 1.00 | 1.00  |

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



|               | (mm) |     |     |     |            |          |     |
|---------------|------|-----|-----|-----|------------|----------|-----|
| Body Dia. φD  | 5    | 6.3 | 8   | 10  | 12.5       |          | 16  |
| Body Length L | —    | —   | —   | —   | 12.5 to 25 | 30 to 40 | —   |
| 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 |

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

### ■ Case size/Impedance/Ripple current

| W.V.(V.DC)<br><br>Case size<br>( $\phi$ DxL) | 6.3 V to 35 V                     |        |                                       | 50 V                              |        |                                       |
|--|-----------------------------------|--------|---------------------------------------|-----------------------------------|--------|---------------------------------------|
|  | Impedance<br>( $\Omega$ /100 kHz) |        | Ripple Current<br>(mA r.m.s./100 kHz) | Impedance<br>( $\Omega$ /100 kHz) |        | Ripple Current<br>(mA r.m.s./100 kHz) |
|  | +20 °C                            | -10 °C | +105 °C                               | +20 °C                            | -10 °C | +105 °C                               |
| 5 × 11                                       | 0.300                             | 1.000  | 280                                   | 0.340                             | 1.130  | 250                                   |
| 6.3 × 11.2                                   | 0.130                             | 0.430  | 455                                   | 0.140                             | 0.460  | 405                                   |
| 8 × 11.5                                     | 0.056                             | 0.168  | 950                                   | 0.061                             | 0.183  | 870                                   |
| 8 × 15                                       | 0.041                             | 0.123  | 1240                                  | 0.045                             | 0.135  | 1140                                  |
| 8 × 20                                       | 0.030                             | 0.090  | 1560                                  | 0.033                             | 0.099  | 1430                                  |
| 10 × 12.5                                    | 0.038                             | 0.114  | 1290                                  | 0.042                             | 0.126  | 1170                                  |
| 10 × 16                                      | 0.026                             | 0.078  | 1790                                  | 0.030                             | 0.090  | 1650                                  |
| 10 × 20                                      | 0.019                             | 0.057  | 2180                                  | 0.023                             | 0.069  | 1890                                  |
| 10 × 25                                      | 0.018                             | 0.054  | 2470                                  | 0.022                             | 0.066  | 2150                                  |
| 12.5 × 20                                    | 0.018                             | 0.045  | 2600                                  | 0.022                             | 0.055  | 2260                                  |
| 12.5 × 25                                    | 0.015                             | 0.038  | 3190                                  | 0.018                             | 0.045  | 2660                                  |
| 12.5 × 30                                    | 0.013                             | 0.033  | 3630                                  | 0.016                             | 0.040  | 3160                                  |
| 12.5 × 35                                    | 0.012                             | 0.030  | 3750                                  | 0.014                             | 0.035  | 3270                                  |
| 16 × 20                                      | 0.017                             | 0.043  | 3300                                  | 0.019                             | 0.048  | 2870                                  |
| 16 × 25                                      | 0.014                             | 0.035  | 3820                                  | 0.016                             | 0.040  | 3320                                  |

■ 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.) | Impedance<br>(100 kHz)<br>(+20 °C)<br>(Ω) | Endurance<br>(hours) | Lead Dia.   | Lead Space |              |               |                | Long Lead           | Taping |
|      |                 |           |        |   |   |                      |             | Straight   | Taping<br>*B | Taping<br>*H  |                |                     |        |
| (V)  | (μF)            | (mm)      | (mm)   | (mA r.m.s.)   | (Ω)                                       | (hours)              | (mm)        | (mm)       | (mm)         | (mm)          | (pcs)          | (pcs)               |        |
| 6.3  | 150             | 5         | 11     | 280   | 0.300                                     | 2000                 | 0.5         | 2.0        | 5.0          | 2.5           | EEUFM0J151( )  | 200                 | 2000   |
|      | 330             | 6.3       | 11.2   | 455   | 0.130                                     | 2000                 | 0.5         | 2.5        | 5.0          | 2.5           | EEUFM0J331( )  | 200                 | 2000   |
|      | 560             | 8         | 11.5   | 950   | 0.056                                     | 3000                 | 0.6         | 3.5        | 5.0          |               | EEUFM0J561( )  | 200                 | 1000   |
|      | 820             | 8         | 15     | 1240  | 0.041                                     | 3000                 | 0.6         | 3.5        | 5.0          |               | EEUFM0J821L( ) | 200                 | 1000   |
|      | 1000            | 10        | 12.5   | 1290  | 0.038                                     | 4000                 | 0.6         | 5.0        | 5.0          |               | EEUFM0J102( )  | 200                 | 500    |
|      | 1200            | 8         | 20     | 1560  | 0.030                                     | 4000                 | 0.6         | 3.5        | 5.0          |               | EEUFM0J122L( ) | 200                 | 1000   |
|      |                 | 10        | 16     | 1790  | 0.026                                     | 4000                 | 0.6         | 5.0        | 5.0          |               | EEUFM0J122( )  | 200                 | 500    |
|      | 1500            | 10        | 20     | 2180  | 0.019                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM0J152( )  | 200                 | 500    |
|      | 2200            | 10        | 25     | 2470  | 0.018                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM0J222L( ) | 200                 | 500    |
|      | 3300            | 12.5      | 20     | 2600  | 0.018                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM0J332( )  | 200                 | 500    |
|      | 3900            | 12.5      | 25     | 3190  | 0.015                                     | 7000                 | 0.6         | 5.0        | 5.0          |               | EEUFM0J392( )  | 200                 | 500    |
|      | 4700            | 12.5      | 30     | 3630  | 0.013                                     | 7000                 | 0.8         | 5.0        |              |               | EEUFM0J472L    | 100                 |        |
|      | 5600            | 12.5      | 35     | 3750  | 0.012                                     | 7000                 | 0.8         | 5.0        |              |               | EEUFM0J562L    | 100                 |        |
|      |                 | 16        | 20     | 3300  | 0.017                                     | 5000                 | 0.8         | 7.5        | 7.5          |               | EEUFM0J562S( ) | 100                 | 250    |
| 6800 | 16              | 25        | 3820   | 0.014   | 7000                                      | 0.8                  | 7.5         | 7.5        |              | EEUFM0J682( ) | 100            | 250                 |        |
| 10   | 100             | 5         | 11     | 280   | 0.300                                     | 2000                 | 0.5         | 2.0        | 5.0          | 2.5           | EEUFM1A101( )  | 200                 | 2000   |
|      | 220             | 6.3       | 11.2   | 455   | 0.130                                     | 2000                 | 0.5         | 2.5        | 5.0          | 2.5           | EEUFM1A221( )  | 200                 | 2000   |
|      | 470             | 8         | 11.5   | 950   | 0.056                                     | 3000                 | 0.6         | 3.5        | 5.0          |               | EEUFM1A471( )  | 200                 | 1000   |
|      | 680             | 8         | 15     | 1240  | 0.041                                     | 3000                 | 0.6         | 3.5        | 5.0          |               | EEUFM1A681L( ) | 200                 | 1000   |
|      |                 | 10        | 12.5   | 1290  | 0.038                                     | 4000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1A681( )  | 200                 | 500    |
|      | 1000            | 8         | 20     | 1560  | 0.030                                     | 4000                 | 0.6         | 3.5        | 5.0          |               | EEUFM1A102L( ) | 200                 | 1000   |
|      |                 | 10        | 16     | 1790  | 0.026                                     | 4000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1A102( )  | 200                 | 500    |
|      | 1200            | 10        | 20     | 2180  | 0.019                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1A122( )  | 200                 | 500    |
|      | 1500            | 10        | 25     | 2470  | 0.018                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1A152L( ) | 200                 | 500    |
|      | 2200            | 12.5      | 20     | 2600  | 0.018                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1A222( )  | 200                 | 500    |
|      | 3300            | 12.5      | 25     | 3190  | 0.015                                     | 7000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1A332( )  | 200                 | 500    |
|      | 3900            | 12.5      | 30     | 3630  | 0.013                                     | 7000                 | 0.8         | 5.0        |              |               | EEUFM1A392L    | 100                 |        |
|      |                 | 16        | 20     | 3300  | 0.017                                     | 5000                 | 0.8         | 7.5        | 7.5          |               | EEUFM1A392S( ) | 100                 | 250    |
|      | 4700            | 12.5      | 35     | 3750  | 0.012                                     | 7000                 | 0.8         | 5.0        |              |               | EEUFM1A472L    | 100                 |        |
| 5600 | 16              | 25        | 3820   | 0.014   | 7000                                      | 0.8                  | 7.5         | 7.5        |              | EEUFM1A562( ) | 100            | 250                 |        |
| 16   | 68              | 5         | 11     | 280   | 0.300                                     | 2000                 | 0.5         | 2.0        | 5.0          | 2.5           | EEUFM1C680( )  | 200                 | 2000   |
|      | 120             | 6.3       | 11.2   | 455   | 0.130                                     | 2000                 | 0.5         | 2.5        | 5.0          | 2.5           | EEUFM1C121( )  | 200                 | 2000   |
|      | 330             | 8         | 11.5   | 950   | 0.056                                     | 3000                 | 0.6         | 3.5        | 5.0          |               | EEUFM1C331( )  | 200                 | 1000   |
|      | 470             | 8         | 15     | 1240  | 0.041                                     | 3000                 | 0.6         | 3.5        | 5.0          |               | EEUFM1C471L( ) | 200                 | 1000   |
|      |                 | 10        | 12.5   | 1290  | 0.038                                     | 4000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1C471( )  | 200                 | 500    |
|      | 680             | 8         | 20     | 1560  | 0.030                                     | 4000                 | 0.6         | 3.5        | 5.0          |               | EEUFM1C681L( ) | 200                 | 1000   |
|      |                 | 10        | 16     | 1790  | 0.026                                     | 4000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1C681( )  | 200                 | 500    |
|      | 1000            | 10        | 20     | 2180  | 0.019                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1C102( )  | 200                 | 500    |
|      | 1200            | 10        | 25     | 2470  | 0.018                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1C122L( ) | 200                 | 500    |
|      | 1500            | 12.5      | 20     | 2600  | 0.018                                     | 5000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1C152( )  | 200                 | 500    |
|      | 2200            | 12.5      | 25     | 3190  | 0.015                                     | 7000                 | 0.6         | 5.0        | 5.0          |               | EEUFM1C222( )  | 200                 | 500    |
|      | 2700            | 12.5      | 30     | 3630  | 0.013                                     | 7000                 | 0.8         | 5.0        |              |               | EEUFM1C272L    | 100                 |        |
|      |                 | 16        | 20     | 3300  | 0.017                                     | 5000                 | 0.8         | 7.5        | 7.5          |               | EEUFM1C272S( ) | 100                 | 250    |
|      | 3300            | 12.5      | 35     | 3750  | 0.012                                     | 7000                 | 0.8         | 5.0        |              |               | EEUFM1C332L    | 100                 |        |
| 3900 | 16              | 25        | 3820   | 0.014   | 7000                                      | 0.8                  | 7.5         | 7.5        |              | EEUFM1C392( ) | 100            | 250                 |        |

When requesting taped product, please put the letter "B" of "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.

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.

■ Standard Products

| W.V.<br>(V) | Cap.<br>(±20 %)<br>(μF) | Case size    |                | Specification   |   |                      | Lead Length       |                  |                      |                      | Part No.       | Min. Packaging Q'ty |                 |
|-------------|-------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|----------------------|----------------|---------------------|-----------------|
|             |                         | Dia.<br>(mm) | Length<br>(mm) | Ripple Current<br>(100 kHz)<br>(+105 °C)<br>(mA r.m.s.) | Impedance<br>(100 kHz)<br>(+20 °C)<br>(Ω) | Endurance<br>(hours) | Lead Dia.<br>(mm) | Lead Space       |                      |                      |                | Long Lead<br>(pcs)  | Taping<br>(pcs) |
|             |                         |              |                |   |   |                      |                   | Straight<br>(mm) | Taping<br>*B<br>(mm) | Taping<br>*H<br>(mm) |                |                     |                 |
| 25          | 47                      | 5            | 11             | 280   | 0.300                                     | 2000                 | 0.5               | 2.0              | 5.0                  | 2.5                  | EEUFM1E470( )  | 200                 | 2000            |
|             | 100                     | 6.3          | 11.2           | 455   | 0.130                                     | 2000                 | 0.5               | 2.5              | 5.0                  | 2.5                  | EEUFM1E101( )  | 200                 | 2000            |
|             | 220                     | 8            | 11.5           | 950   | 0.056                                     | 3000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1E221( )  | 200                 | 1000            |
|             | 330                     | 8            | 15             | 1240  | 0.041                                     | 3000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1E331L( ) | 200                 | 1000            |
|             |                         | 10           | 12.5           | 1290  | 0.038                                     | 4000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1E331( )  | 200                 | 500             |
|             | 470                     | 8            | 20             | 1560  | 0.030                                     | 4000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1E471L( ) | 200                 | 1000            |
|             |                         | 10           | 16             | 1790  | 0.026                                     | 4000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1E471( )  | 200                 | 500             |
|             | 680                     | 10           | 20             | 2180  | 0.019                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1E681( )  | 200                 | 500             |
|             | 820                     | 10           | 25             | 2470  | 0.018                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1E821L( ) | 200                 | 500             |
|             | 1000                    | 12.5         | 20             | 2600  | 0.018                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1E102( )  | 200                 | 500             |
|             | 1500                    | 12.5         | 25             | 3190  | 0.015                                     | 7000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1E152( )  | 200                 | 500             |
|             | 1800                    | 12.5         | 30             | 3630  | 0.013                                     | 7000                 | 0.8               | 5.0              |                      |                      | EEUFM1E182L    | 100                 |                 |
|             |                         | 16           | 20             | 3300  | 0.017                                     | 5000                 | 0.8               | 7.5              | 7.5                  |                      | EEUFM1E182S( ) | 100                 | 250             |
|             | 2200                    | 12.5         | 35             | 3750  | 0.012                                     | 7000                 | 0.8               | 5.0              |                      |                      | EEUFM1E222L    | 100                 |                 |
| 2700        | 16                      | 25           | 3820           | 0.014   | 7000                                      | 0.8                  | 7.5               | 7.5              |                      | EEUFM1E272( )        | 100            | 250                 |                 |
| 35          | 33                      | 5            | 11             | 280   | 0.300                                     | 2000                 | 0.5               | 2.0              | 5.0                  | 2.5                  | EEUFM1V330( )  | 200                 | 2000            |
|             | 68                      | 6.3          | 11.2           | 455   | 0.130                                     | 2000                 | 0.5               | 2.5              | 5.0                  | 2.5                  | EEUFM1V680( )  | 200                 | 2000            |
|             | 150                     | 8            | 11.5           | 950   | 0.056                                     | 3000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1V151( )  | 200                 | 1000            |
|             | 220                     | 8            | 15             | 1240  | 0.041                                     | 3000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1V221L( ) | 200                 | 1000            |
|             |                         | 10           | 12.5           | 1290  | 0.038                                     | 4000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1V221( )  | 200                 | 500             |
|             | 330                     | 8            | 20             | 1560  | 0.030                                     | 4000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1V331L( ) | 200                 | 1000            |
|             |                         | 10           | 16             | 1790  | 0.026                                     | 4000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1V331( )  | 200                 | 500             |
|             | 470                     | 10           | 20             | 2180  | 0.019                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1V471( )  | 200                 | 500             |
|             | 560                     | 10           | 25             | 2470  | 0.018                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1V561L( ) | 200                 | 500             |
|             | 680                     | 12.5         | 20             | 2600  | 0.018                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1V681( )  | 200                 | 500             |
|             | 1000                    | 12.5         | 25             | 3190  | 0.015                                     | 7000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1V102( )  | 200                 | 500             |
|             | 1200                    | 12.5         | 30             | 3630  | 0.013                                     | 7000                 | 0.8               | 5.0              |                      |                      | EEUFM1V122L    | 100                 |                 |
|             |                         | 16           | 20             | 3300  | 0.017                                     | 5000                 | 0.8               | 7.5              | 7.5                  |                      | EEUFM1V122S( ) | 100                 | 250             |
|             | 1500                    | 12.5         | 35             | 3750  | 0.012                                     | 7000                 | 0.8               | 5.0              |                      |                      | EEUFM1V152L    | 100                 |                 |
| 1800        | 16                      | 25           | 3820           | 0.014   | 7000                                      | 0.8                  | 7.5               | 7.5              |                      | EEUFM1V182( )        | 100            | 250                 |                 |
| 50          | 22                      | 5            | 11             | 250   | 0.340                                     | 2000                 | 0.5               | 2.0              | 5.0                  | 2.5                  | EEUFM1H220( )  | 200                 | 2000            |
|             | 56                      | 6.3          | 11.2           | 405   | 0.140                                     | 2000                 | 0.5               | 2.5              | 5.0                  | 2.5                  | EEUFM1H560( )  | 200                 | 2000            |
|             | 100                     | 8            | 11.5           | 870   | 0.061                                     | 3000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1H101( )  | 200                 | 1000            |
|             | 120                     | 8            | 15             | 1140  | 0.045                                     | 3000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1H121L( ) | 200                 | 1000            |
|             | 150                     | 10           | 12.5           | 1170  | 0.042                                     | 4000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1H151( )  | 200                 | 500             |
|             | 180                     | 8            | 20             | 1430  | 0.033                                     | 4000                 | 0.6               | 3.5              | 5.0                  |                      | EEUFM1H181L( ) | 200                 | 1000            |
|             | 220                     | 10           | 16             | 1650  | 0.030                                     | 4000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1H221( )  | 200                 | 500             |
|             | 270                     | 10           | 20             | 1890  | 0.023                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1H271( )  | 200                 | 500             |
|             | 330                     | 10           | 25             | 2150  | 0.022                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1H331L( ) | 200                 | 500             |
|             | 470                     | 12.5         | 20             | 2260  | 0.022                                     | 5000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1H471( )  | 200                 | 500             |
|             | 560                     | 12.5         | 25             | 2660  | 0.018                                     | 7000                 | 0.6               | 5.0              | 5.0                  |                      | EEUFM1H561( )  | 200                 | 500             |
|             | 680                     | 12.5         | 30             | 3160  | 0.016                                     | 7000                 | 0.8               | 5.0              |                      |                      | EEUFM1H681L    | 100                 |                 |
|             | 820                     | 12.5         | 35             | 3270  | 0.014                                     | 7000                 | 0.8               | 5.0              |                      |                      | EEUFM1H821L    | 100                 |                 |
|             |                         | 16           | 20             | 2870  | 0.019                                     | 5000                 | 0.8               | 7.5              | 7.5                  |                      | EEUFM1H821S( ) | 100                 | 250             |
| 1000        | 16                      | 25           | 3320           | 0.016   | 7000                                      | 0.8                  | 7.5               | 7.5              |                      | EEUFM1H102( )        | 100            | 250                 |                 |

When requesting taped product, please put the letter "B" of "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.

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.