

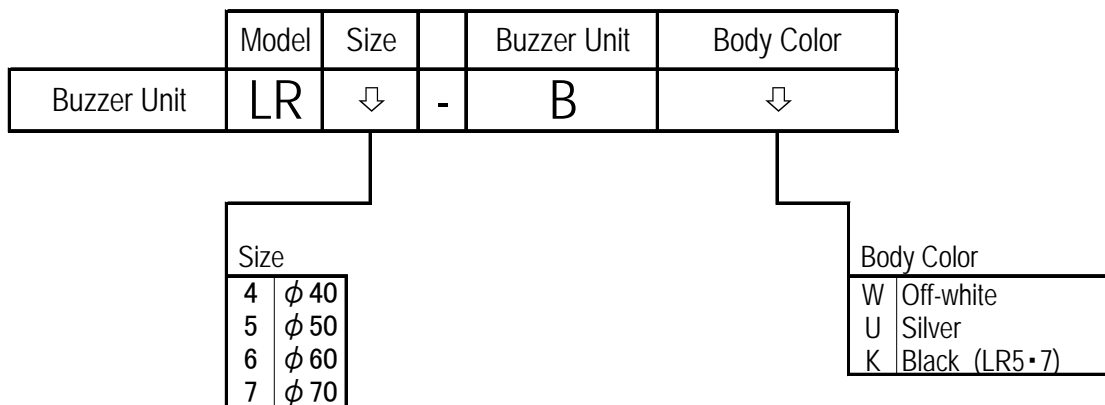
# SPECIFICATIONS

## 1.General Specifications

|  |     |  |  |
|--|-----|--|--|
| <b>Model</b>                               |     | LR□-B□   |  |
| <b>Operating Ambient Temperature</b>       |     | -20°C ~ +50°C  |  |
| <b>Operating Ambient Humidity</b>          |     | Less than 90% RH (No Condensation)   |  |
| <b>Mass<br/>(Tolerance<br/>±10%)</b>       | LR4 | 0.035kg  |  |
|  | LR5 | 0.05kg   |  |
|  | LR6 | 0.06kg   |  |
|  | LR7 | 0.07kg   |  |
| <b>Buzzer Sound<br/>/Typical Frequency</b> |     | No.1   | Rapid intermittent beep / 3378Hz   |
|  |     | No.2   | Continuous beep sound / 3378Hz   |
|  |     | No.3   | Rapid Hi-Lo / 2016Hz&3012Hz  |
|  |     | No.4   | Sweep sound / 1000Hz-4032Hz  |
| <b>Setting</b>                             |     | Depending on DIP Switch Settings<br>Refer to the 4.Buzzer Pattern Set-up   |  |
| <b>Sound Pressure<br/>Level</b>            | LR4 | Typ.85dB   | Sound Reduction Approx. -10dB<br>Depending on DIP Switch Settings<br>Refer to the 4.Buzzer Pattern Set-up<br>※When LR5-01(12VDC Type) is attached. |
|  | LR5 | Typ.85dB (※Typ.80dB)   |  |
|  | LR6 | Typ.88dB   |  |
|  | LR7 | Typ.90dB   |  |
| <b>Environmental Condition</b>             |     | Buzzer sound No.4 was measured from the total circumference of the buzzer Unit at 1m   |  |
| <b>Outer Dimension</b>                     |     | Refer to the 3.Outer Dimension   |  |
| <b>Conformity Standards</b>                |     | UL 508, CSA-C22.2 No. 14<br>EMC Directive (EN 61000-6-4, EN 61000-6-2)<br>RoHS Directive (EN 50581)<br>FCC Part15 SubpartB Class A |  |

## 2.Model

### 2.1.1 Model Number Configuration



LR-B-W18B-1\_3

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### 2.1.2 Model Number Example

|             |   |
|-------------|---|
| Buzzer Unit | LR5-BW<br>● $\phi$ 50 ● Buzzer Unit ● Off-white |
|             | LR7-BK<br>● $\phi$ 70 ● Buzzer Unit ● Black     |

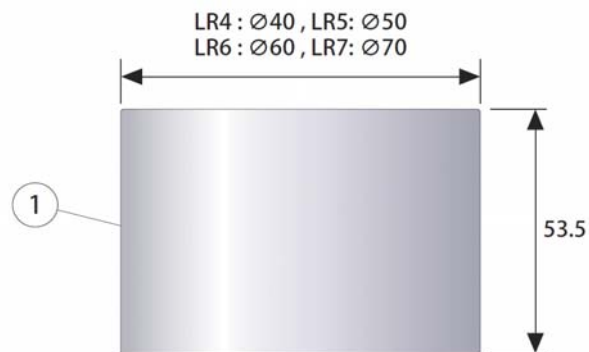
### 2.2 UL Registered Model

|             |                               |
|-------------|-------------------------------|
| Buzzer Unit | LR4-B , LR5-B , LR6-B , LR7-B |
|-------------|-------------------------------|

### 3.Outer Dimensions

LR□-B□

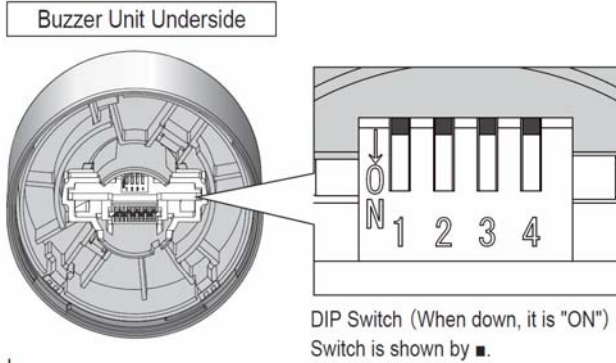
(Unit:mm)



| No. | Name        | Material | UL Flammability |
|-----|-------------|----------|-----------------|
| 1   | Buzzer Case | PC       | V-2             |

## 4. Buzzer Pattern Set-up

The **B** Flashing/Buzzer type includes a set up for four different patterns and sound reduction. Set up the preferred pattern, using the DIP Switch after removing the buzzer unit.



■ Setup Table

| Buzzer Sound | DIP Switch |     | Sound Pattern           |
|--------------|------------|-----|-------------------------|
|              | 1          | 2   |                         |
| No.1         | OFF        | OFF | Rapid Intermittent Beep |
| No.2         | ON         | OFF | Continuous Beep Sound   |
| No.3         | OFF        | ON  | Rapid Hi-Lo             |
| No.4         | ON         | ON  | Sweep Sound             |

| DIP Switch | Volume          |
|------------|-----------------|
| 3          |                 |
| OFF        | Normal          |
| ON         | Sound Reduction |

(Note) Do not use DIP Switch 4. It is set to "OFF" at all times after factory shipments.

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