



PRODUCT SPECIFICATIONS LR03/SAM-4 ALKALINE AAA SIZE

- 1. Designation:** LR03 / SUM-4 / ALKALINE AAA SIZE
- 2. Kind of products specified:** Alkaline-Manganese dry cell battery
- 3. Nominal Voltage:** 1.5V
- 4. Dimensions:** 43.8±0.5mm × ø10±0.5
- 5. Approximate Weight:** 12g
- 6. Appearance:** There is not stain, scratch, nor deformation which will cause trouble in practical use is observed.
- 7. Terminal:** Standard snap fastener stud (+) and socket (-)
- 8. Jacket:** Foil Jacket
- 9. Electrolyte-Leakage resistance:** After testing by Table 1, shall be no leakage and deformation by visual inspection.

Table 1

ITEM	CONDITIONS			
	Temperature	Relative Humidity	Load Resistor	Term
Overdischarge electrolyte leakage	20.5±1.5 °C	57 ± 10%	20 Ω	48hrs

10. Mercury content

Test condition	Standard demand	Test results	Judgement
Atomic absorption spectrophotometric method	≤ 1×10 ⁻⁴ %	≤ 3.4×10 ⁻⁵ %	qualified

- 11. Markings on product:**
- (1). Battery type: LR03-----Best Quality
 - (2). Brand: Microbatt
 - (3). Polarity: "+" and "-"
 - (4). Other specified markings

12. Output Service

Load Resistance	3.9 Ω	10.0 Ω	20 Ω
Discharge Method	24h/d	1h/d	24h/d
End-Point Voltage	0.9V	0.9V	0.9V
Stand Status	100min	400min	14.0h
Actual Performance	140min	480min	17.8h

- 13. Packing:** The battery shall be packed so as not likely to be damaged during transportation and storage

- 14. Warranty:** Within 60 months after delivery