



**Product Specifications**

- 1. Designation:** LR20 ALKALINE D SIZE
- 2 Kind of products specified:** Alkaline-Manganese Dry Cell Battery
- 3. Nominal Voltage:** 1.5V
- 4. Dimensions:** 48.8±0.2mm × ø25.5±0.6
- 5. Approximate Weight:** 145g
- 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 Jackets
- 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	20.7±1.3°C	55 ± 8%	10 Ω	48hrs

**10. Mercury content**

Test condition	Standard demand	Test results	Judgement
Atomic absorption spectrophotometric method	≤1×10 <sup>-4</sup> %	≤8×10 <sup>-6</sup> %	qualified

- 11. Markings on product:**
  - (1). Battery type: LR20
  - (2). Brand: Microbatt
  - (3). Polarity: "+" and "-"
  - (4). Other specified markings

**12. Output Service**

Load Resistance	3.9Ω	2.2Ω
Discharge Method	1h/d	1h/d
End-Point Voltage	0.9V	0.8V
IEC Standard	20h	15h
Actual Performance	25h	20h

- 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