



ENGLISH

Datasheet

RS Article: 1946719

## RS Pro ALKALINE AAAA battery



1. Designation: LR8D425/AAAA/ALKALINE AAAA SIZE
2. Kind of products specified Alkaline -Manganese dry cell battery
3. Nominal Voltage: 1.5V
4. Dimensions: 40.0±0.1mm x Ø7.8±0.1mm
5. Capacity 600 mAh under 75Ω, 24h/d discharge to 0.9V
6. Approximate Weight: 6.5 ±0.2g
7. Appearance: There is not stain, scratch, nor deformation which will cause cause trouble in practical use is observed.
8. Terminal: Standard snap fastener stud (+) and socket (1)
9. Jacket: Aluminum Jacket
10. 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
Over discharge electrolyte leakage	20.5±1.5°C	57±10%	10Ω	48hrs

#### 11. Mercury Content

Test condition	Standard demand	Test results	Judgement
Atomic absorption spectrophotometric method	$\leq 1 \times 10^{-4}\%$	$\leq 3.4 \times 10^{-5}\%$	qualified

12. Markings on product: (1) Battery type: LR8D425/AAAA-----Best Quality  
 (2) Brand: " RS PRO"  
 (3) Polarity: "+" and "-"  
 (4) Other specified markings

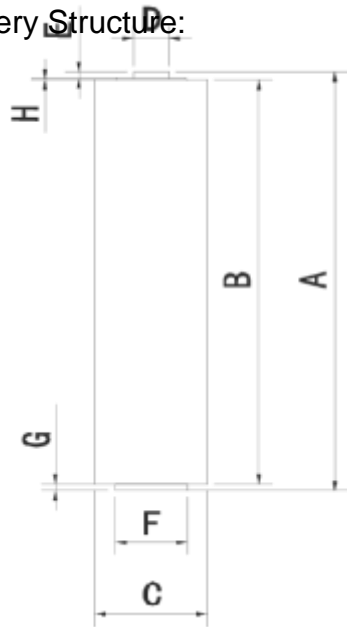
#### 13. Output Service:

Road Resistance	3.9Ω	30Ω	75Ω	5.1Ω
Discharge Method	24h/d	24h/d	1h/d	5min/d
End-point voltage	0.9V	0.9V	0.9V	0.9V
IEC standard	///	///	27h	90min
Actual Performance	60min	12h	32h	110min

14. Characteristics: (1) No Mercury & Cadmium added, which is environmentally Friendly  
 (2) Super Long-Lasting Power  
 (3) Excellent Leakproof, as result of pure material  
 (4) Extra Long-Life Span  
 (5) Excel Working in low temperature or high-drain discharging\

15. Warranty: Within 36 months after delivery

16. Battery Structure:



Unit: mm

<b>A</b>	<b>42.0/40.0</b>	<b>±0.1</b>
<b>B</b>	<b>39.1</b>	<b>±0.1</b>
<b>C</b>	<b>7.8</b>	<b>±0.1</b>
<b>D</b>	<b>0.4</b>	<b>±0.02</b>
<b>E</b>	<b>0.5</b>	<b>±0.02</b>
<b>F</b>	<b>4.0</b>	<b>±0.02</b>
<b>G</b>	<b>3.8</b>	<b>±0.02</b>
<b>Φ</b>	<b>7.8</b>	<b>±0.1</b>

17. Discharge Curve:

