

U9VL-J-P

Technical Datasheet



Features

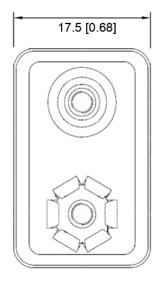
- · Designed for up to 10-year sevice life for certain devices, including most ionizationtype smoke alarms*
- High energy density, up to 5x more than alkaline, up to 10x more than carbon zinc
- · High running voltage
- Flat discharge voltage curve
- · Low impedance, better performance at low temperatures
- · Advanced safety features over current protection
- · Lightweight 18% less than alkaline
- · Wide operating temperature range
- Meets ANSI Alkaline 1604 size specifications
- · Low short circuit temperature

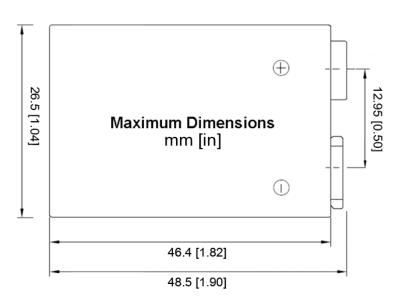
Applications

- · Smoke alarms
- · Carbon-monoxide detectors
- · Wireless security devices
- · Music/audio devices
- Instrumentation
- · Alkaline 9V replacement
- · Medical devices

| Technical Specifications | |
|--------------------------|--|
| Part No. | U9VL-J-P (see note 3) |
| NSN | U9VL-J-P: 6135-01-554-4281 U9VLJPFP: 6135-01-369-9792 |
| Voltage Range | 5.4 to 9.9V |
| Average Voltage | 9.0V |
| Nominal Capacity | 1.2Ah @ 900 ohms to 5.4V @ 23°C |
| Max. Discharge | 500mA continuous |
| Pulse Capability | 1A Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife. |
| Weight | 37g |
| Operating Temperature | -20°C to 60°C |
| Storage Temperature | -40°C to 60°C |
| Self Discharge | < 1% per year at 23°C |
| Exterior/Housing | Stainless steel / PVC label |
| Terminals/Connector | Ni-plated miniature snap |
| Safety | UL Component Recognition - UL2054 & UL217 IEC 60086-4:2014 Material Safety Datasheet - MSDS00153 Safety Guide UBM-5135 |
| Transportation | Excepted from regulations when packaged in container less than 2.5Kg (by air) |
| Protection | PTC rated for 0.70A hold current at 23°C |
| Note 1 | A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website |
| Note 2 | Industry designations: ANSI-1604 LC |
| Note 3 | Packaging Options: U9VLJPBK – Bulk, 680ct U9VLJPBKNC – Bulk, no protective cap, 680 ct U9VLJP10 – Bulk, 10 piece boxes, 100 ct U9VLJP10CP – Contractor Pack, 10 piece, 100 c U9VLJPFP – Foil Pouch, 100ct U9VLJPFP6 – Foil Pouch, 6 piece boxes, 48 ct U9VLJPBP – Blister Pack, 48ct |

Dimensions





Performance Graphs

