The LM26500-M cell is approved for use in the MIDS-LVT. All three cells must be replaced at the same time. Do not mix SAFT LM26500-M cells with other manufacturer’s cells.

Benefits
- High drain/ high pulse capability
- High voltage response, stable during most of the lifetime of the application even after long dormant periods
- High capacity at high current and low temperature
- Low self-discharge compatible with long operating life (less than 1% after 1 year of storage at +20°C)
- Superior resistance to corrosion
- Low magnetic signature

Key Features
- Spiral construction
- Hermetic construction with glass to metal seal
- Stainless steel container
- Integrated safety vent
- Equipped with 4.5A resettable PTC
- Safety Shutdown Separator
- Sleeve – Mylar for durability
- Non-corrosive electrolyte
- Non-pressurized at room temperature
- Restricted for transport [Class 9]
- RoHS and REACH compliant
- Made in USA

Electrical characteristics
(Typical values relative to cells stored for one year or less at +30°C max)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Capacity [at 150mA +20°C 2.0V cut-off]</td>
<td>7.4 Ah</td>
</tr>
<tr>
<td>Open circuit voltage [at +20°C]</td>
<td>3.2 V</td>
</tr>
<tr>
<td>Nominal voltage [under 1mA at +20°C]</td>
<td>3.0 V</td>
</tr>
<tr>
<td>Nominal energy [at 150mA +20°C 2.0 V cut-off]</td>
<td>20.9 Wh</td>
</tr>
<tr>
<td>Pulse capability</td>
<td>Up to 4.0 A</td>
</tr>
<tr>
<td>Recommended maximum continuous current</td>
<td>2.0 A</td>
</tr>
</tbody>
</table>

Operating conditions
- Operating Temperature Range
  - -40°C to +85°C
- Storage temperatures
  - Recommended
  - +30°C (86°F) max
  - Allowable
  - -55°C to +90°C

Physical Characteristics
- Diameter [max]          | 26.0 mm         |
- Height [max]            | 53.5 mm         |
- Typical weight          | 61 g            |
- Li metal content        | approx. 2.8 g   |

Terminations
- Flat Ni - Plated

Designated to meet all major quality, safety and environment standards
- Safety: UL 1642 and IEC 60086-4
- Transport: UN 3090 and UN 3091
- Quality: ISO 9001, Saft World Class
- Continuous program

Applications
- Military, MIDS-LVT

NSN
- NSN: 6135-01-545-6582
LM26500-M dimensions

Storage
- The storage area should be clean, cool (preferably not exceeding +30°C), dry and ventilated.

Warning
- Fire, explosion and burn hazard.
- Do not recharge, short circuit, crush, disassemble, heat above 85°C, incinerate, or expose contents to water.
- Do not solder directly to the cell.
- Do not mix Saft LM26500-M cells with other manufacturer’s cells.
- All three cells must be replaced at the same time.

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