MODEL TL-5903
International size reference: AA, ER14505

TECHNICAL DATA
(Typical values @ + 25°C for batteries stored for one year or less)

- Nominal capacity: 2.4 Ah
- Rated voltage: 3.6 V
- Maximum recommended continuous current: 100 mA
- Maximum pulse current capability: 200 mA
- Weight: 18 g (0.635 oz)
- Volume: 8 cc
- Operating temperature range: -55 °C to +85 °C
- Li metal content: approx. 0.65 g
- U.L. Component Recognition, MH 12193

TERMINATIONS & ORDERING NO.
- SUFFIX- /S STANDARD 15-5903-21500
- SUFFIX- /T SOLDER TABS 15-5903-31500
- SUFFIX- /P AXIAL PINS 15-5903-41500
- SUFFIX- /PT2 RADIAL PINS 15-5903-36500
- SUFFIX- /TP POLARIZED TABS 15-5903-52500
- SUFFIX- /PT POLARIZED TABS 15-5903-53500

Note: Any presentations in this data sheet concerning performance are for information purpose only and are not construed as warranties either expressed or implied, of future performance.
**CELL FEATURES**

- 3.6 V Primary lithium-thionyl chloride (Li-SOCl2)
- Fast voltage recovery after long term storage and/or usage
- High energy density
- High and stable operating voltage
- Low self discharge rate
- Bobbin construction
- Hermetic glass-to-metal-sealing
- Non-flammable electrolyte

**MAIN APPLICATIONS**

- Utility meters (elect., water & gas)
- Automatic meter reading
- RF systems
- Sensors & monitoring systems
- Tracking systems
- Wireless security systems
- Automotive electronics
- Industrial electronics
- Ultra Low Power (ULP)

**STORAGE CONDITIONS**

- Cells should be stored in a clean & dry (less than 30 % RH) area

For updated information please visit our website [www.tadiranbat.com](http://www.tadiranbat.com)

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**VOLTAGE RESPONSE AFTER STORAGE**

<table>
<thead>
<tr>
<th>Pulse applied: 20 mA for 1 sec</th>
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</thead>
<tbody>
<tr>
<td>Storage: RT</td>
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<tr>
<td>Background current: None</td>
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</tbody>
</table>

**VOLTAGE RESPONSE**

- Pulse applied: 20 mA for 100 msec
- Temperature: RT
- Background current: 10 µA

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