MODEL TL-5955
International size reference: 2/3AA, ER14335

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

- Nominal capacity @ 1.3 mA, to 2 V: 1.5 Ah
- Rated voltage: 3.6 V
- Maximum recommended continuous current: 75 mA
- Maximum pulse current capability: 150 mA
- Weight: 12.5 g (0.441 oz)
- Volume: 5.2 cc
- Operating temperature range: -55 ºC to +85 ºC
- Li metal content: approx. 0.5 g
- U.L. Component Recognition, MH 12193

TERMINATIONS & ORDERING NO.

- SUFFIX- /S STANDARD 15-5955-21500
- SUFFIX- /T SOLDER TABS 15-5955-31500
- SUFFIX- /P AXIAL PINS 15-5955-41500
- SUFFIX- /PT2 RADIAL PINS 15-5955-36500
- SUFFIX- /TP POLARIZED TABS 15-5955-52500
- SUFFIX- /PT POLARIZED TABS 15-5955-53500

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.

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**TL-5955**

**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**

<table>
<thead>
<tr>
<th>Time (msec)</th>
<th>Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3.1</td>
</tr>
<tr>
<td>20</td>
<td>3.2</td>
</tr>
<tr>
<td>40</td>
<td>3.3</td>
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<tr>
<td>60</td>
<td>3.4</td>
</tr>
<tr>
<td>80</td>
<td>3.5</td>
</tr>
<tr>
<td>100</td>
<td>3.6</td>
</tr>
</tbody>
</table>

Pulse applied: 15 mA for 100 msec
Temperature: RT
Background current: 7.5 μA

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**VOLTAGE RESPONSE**

<table>
<thead>
<tr>
<th>Time (msec)</th>
<th>Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3.1</td>
</tr>
<tr>
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</tr>
<tr>
<td>80</td>
<td>3.5</td>
</tr>
<tr>
<td>100</td>
<td>3.6</td>
</tr>
</tbody>
</table>

Pulse applied: 15 mA for 1 sec
Storage: RT
Background current: None

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**VOLTAGE RESPONSE AFTER STORAGE**

<table>
<thead>
<tr>
<th>Time (msec)</th>
<th>Volts</th>
</tr>
</thead>
<tbody>
<tr>
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<td>600</td>
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<tr>
<td>800</td>
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</tr>
<tr>
<td>1000</td>
<td>3.1</td>
</tr>
<tr>
<td>1200</td>
<td>3.2</td>
</tr>
</tbody>
</table>

Pulse applied: 15 mA for 100 msec
Temperature: RT
Background current: None

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