

Lithium

| Order code | Manufacturer code | Description |
|------------|-------------------|----------------------------|
| 18-0430 | T04/8AA9 | 1/2 AA LITHIUM TCL BATTERY |

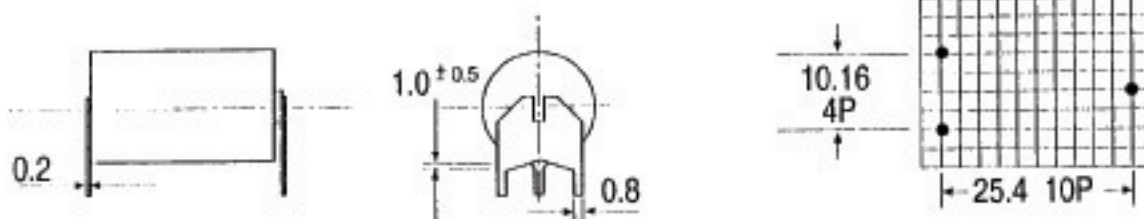
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| The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E. | Revision A 04/07/2003 |

MECHANICAL DATA

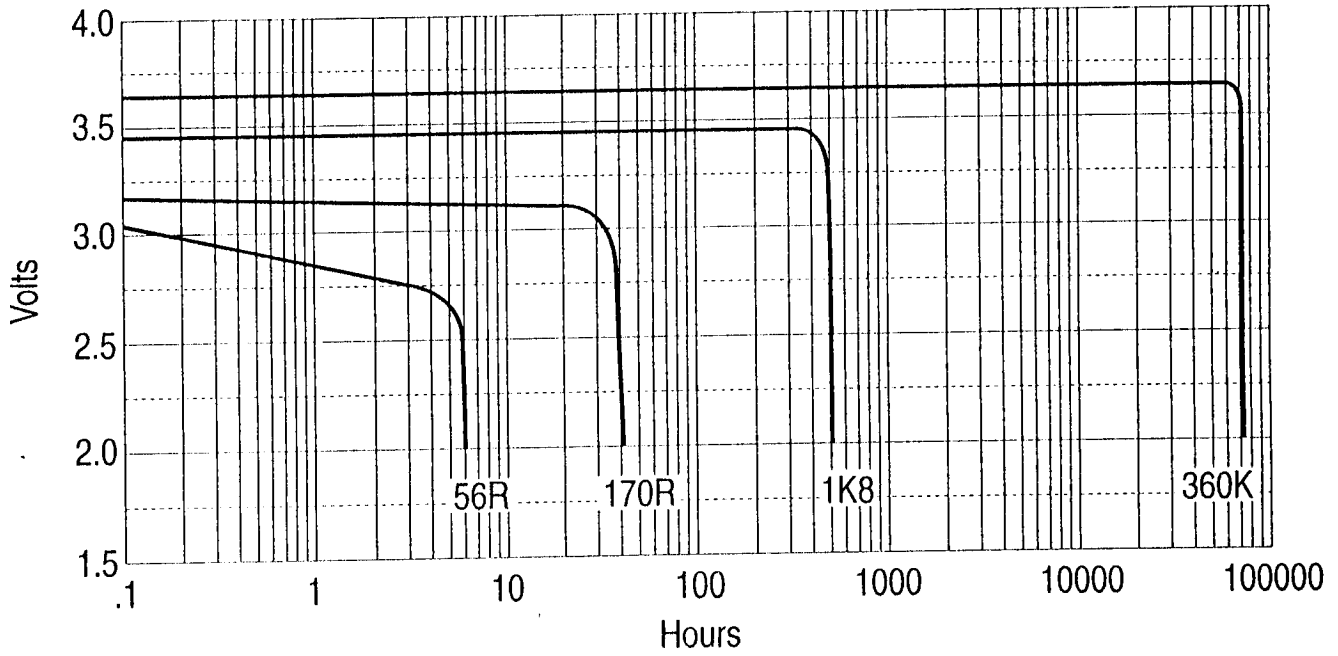
| | |
|---------------------|--------------------------------------------------------------------------------------------------|
| <i>Designation</i> | 1/2AA |
| <i>Length</i> | 25.2mm |
| <i>Diameter</i> | 14.5mm |
| <i>Weight</i> | 10g |
| <i>Construction</i> | Hermetically sealed, all welded, with glass/metal lead-through essentially non pressurised |
| <i>Terminations</i> | Button top Standard PC pin outs Solder tags Special options |

ELECTRICAL DATA

| | |
|---------------------------------------|---------------------------------------------------|
| <i>Voltage</i> | Nominal 3.7 volts Typical operating 3.2-3.65 v |
| <i>Capacity (8 mA to 2.0v)</i> | 0.9 Ah |
| <i>50% capacity achieved at</i> | 40 mA |
| <i>Maximum abusive charge current</i> | 10 μ A |
| <i>Energy density-Gravimetric</i> | up to 420 Wh/Kg |
| <i>-Volumetric</i> | up to 800 Wh/dm ³ |
| <i>Temperature range</i> | -55°C + 70°C |
| <i>Shelf life</i> | 10 years |
| <i>Self discharge</i> | Typical 2% p.a. first 10 years |



DISCHARGE PROFILES AT 20°C



DISCHARGE PROFILES AT 3K3

