

● **High reliability, Safe and unlike secondary batteries, this is pollution free devices.**

● **RoHS Compliant.**

● **ELAN P/N: DS-2R5E224U-E**

■ Spec sheet

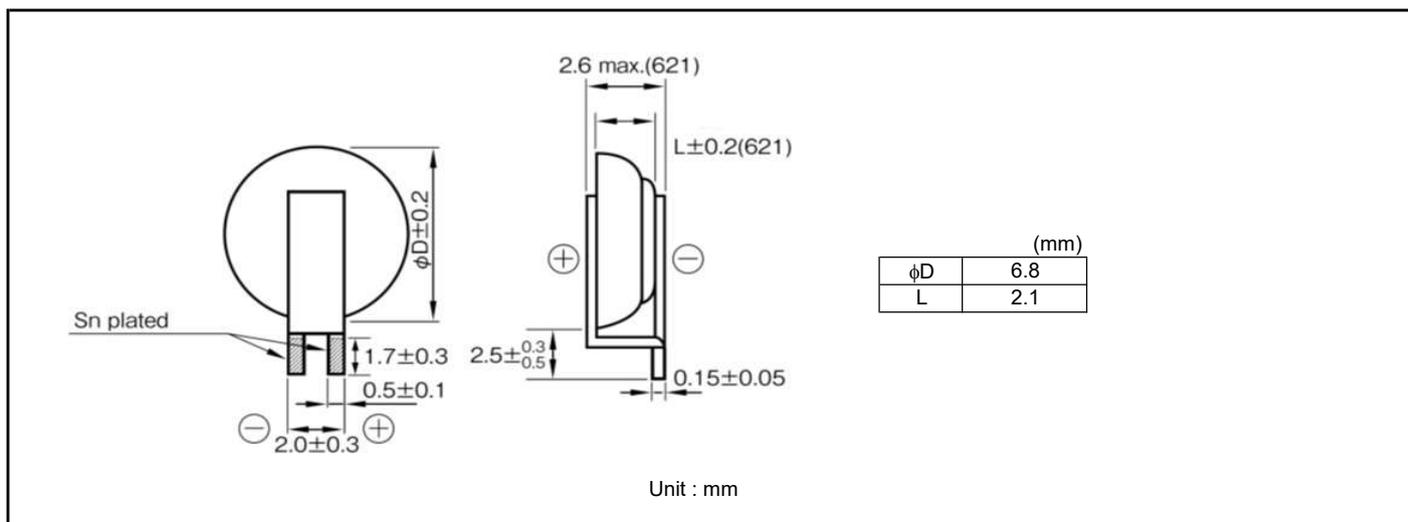
| Item | Performance | |
|---|--|---|
| Category temperature range (deg C) | -25 to +70 | |
| Rated Voltage (V) | 2.5 | |
| Rated Capacitance (F) | 0.22 | (20deg C) |
| Tolerance at rated capacitance (%) | -20 to +80 (20deg C) | |
| Internal resistance (ohm max.) | 20deg C, 1kHz | 100 |
| Characteristics at high and low temperature | Capacitance change | Within -30% to +30% at 20deg C |
| | Internal resistance | Less than five times of the value at 20degC |
| Endurance(70deg C) | Test time | 500hours |
| | Percentage of capacitance change | Within -30% to +30% of initial value |
| | Internal resistance | Less than 400 ohm |
| Shelf life(70deg C) | Test time | 500hours |
| | Capacitance change | Within -30% to +30% of initial value |
| | Internal resistance | Less than 400 ohm |
| Applicable standards | Conforms to JIS C5160-1 (IEC 62391-1) | |

■ ELNA part numbering system

DS - **2R5** **E** **224** **U** - **E**

Series code Rated voltage symbol Rated capacitance symbol Additional symbol Terminal shaped

■ Outline drawing



(Note) It is recommended that you shall obtain technical specifications from ELNA CO., LTD. to ensure that the component is suitable for your intended use.