



| Features |

- Small-sized, large capacity
- Long charge/discharge cycle life
- SMT reflow soldering available

| Applications |

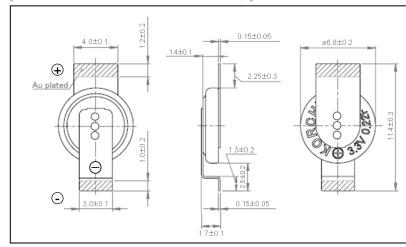
• RTC back-up for GPS, Home Appliances

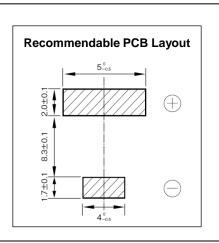


| Specifications |

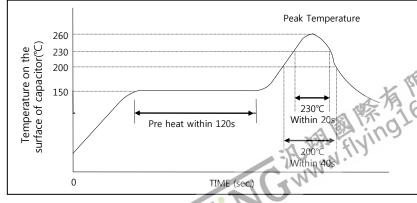
Part No.	DMS 3R3 224RF
Cell Size	Ø6.8 × 1.4mm
Operating Temp.	-10 ~ +60℃
Rated Voltage	3.3Vdc
Capacitance	0.22F
Discharge Capacity	72 uAh (3.3V-2.0V)
Capacitance Tolerance	-20 ~ +80%
ESR (at 1KHz)	LESS THAN 200Ω
Leakage Current (30min.)	LESS THAN 150µA
Endurance	After 1,000hours application of rated DC working voltage at +60°C, the capacitor shall meet the following limits.
Capacitance Change	±30% of the initial value
ESR	Less than 2kΩ
Shelf Life	After 1,000hours storage at +60°C without load, the capacitor shall meet the specified limit for "Endurance"

| Dimensions in mm(not to scale) |





| Reflow Soldering Condition |



- * The peak temperature(260°C) is within 5 seconds
- The time of repeated reflow soldering must be two times or less.
- Do NOT apply reflow soldering, when cell voltage is above 0.3V

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