

Spec Sheet

FOR AUTOMOTIVE MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS[RKC]

RKC-50V112MI7#Q

ELNA



Unit : mm

■ Features

- Item Summary
1100uF±20%, 50V, φ 12.5x30mm, Leaded
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
500

■ Products characteristics table

| | |
|---------------------------------------|--|
| Capacitance | 1100 uF ± 20 % |
| Rated Voltage | 50 V |
| tan δ (max) | 0.1 |
| Operating Temp. Range | -40 to +135 °C |
| Leakage current (min) | 550 uA at 2 min |
| Rated Ripple (max) | 2520 mArms at 100k Hz / 135 °C |
| Impedance ratio ___ [-40°C/+20°C] | 3 |
| ESR (max) | 0.048 Ω at 100k Hz / 20 °C |
| Endurance ___ [Test time] | 3000 hr at 135 °C |
| Endurance ___ [Capacitance change] | Within ±30% of initial value |
| Endurance ___ [tan δ change] | 300% or less of initial specified value |
| Shape | Miniature, Lead terminal |
| Type | High Temperature, Low ESR, high ripple current |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (209 subst.) | Yes |
| Soldering | Flow |

■ External Dimensions

| | |
|-----------------|----------------|
| Dimension φ D | φ 12.5 ±0.5 mm |
| Dimension L | Max 30 +2 mm |
| Dimension P (F) | 5 ±0.5 mm |
| Dimension C (d) | φ 0.6 ±0.05 mm |

The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.

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Please read this notice before using the ELNA products.



REMINDERS

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[>>Taiyo Yuden\(太阳诱电\)](#)