

Spec Sheet

FOR AUTOMOTIVE MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS[RKD]

RKD-16V222MI6GQ

ELNA



Unit : mm

■ Features

- Item Summary
2200 μ F \pm 20%, 16V, ϕ 12.5x25mm, Leaded
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
500

■ Products characteristics table

Capacitance	2200 μ F \pm 20 %
Rated Voltage	16 V
tan δ (max)	0.18
Operating Temp. Range	-40 to +125 $^{\circ}$ C
Leakage current (min)	352 μ A at 2 min
Rated Ripple (max)	2400 mArms at 100k Hz / 125 $^{\circ}$ C
Impedance ratio [-40 $^{\circ}$ C / +20 $^{\circ}$ C]	3
ESR (max)	0.032 Ω at 100k Hz / 20 $^{\circ}$ C
Endurance [Test time]	5000 hr at 125 $^{\circ}$ C
Endurance [Capacitance change]	Within \pm 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
Structure	Whisker Proof Type
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Soldering	Flow

■ External Dimensions

Dimension ϕ D	ϕ 12.5 +0.5/-0 mm
Dimension L	Max 25 +2 mm
Dimension P (F)	5 \pm 0.5 mm
Dimension C (d)	ϕ 0.6 \pm 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\(太阳诱电\)](#)