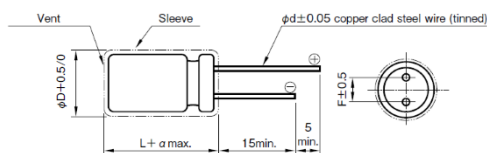


Spec Sheet

FOR AUTOMOTIVE MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS[RKD]

RKD-16V102MJ4GQ

ELNA



Unit : mm

■ Features

- Item Summary
1000uF $\pm$ 20%, 16V, ϕ 16x16mm, Leaded
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
500

■ Products characteristics table

Capacitance	1000 uF $\pm$ 20 %
Rated Voltage	16 V
$\tan \delta$ (max)	0.16
Operating Temp. Range	-40 to +125 °C
Leakage current (min)	160 uA at 2 min
Rated Ripple (max)	1930 mArms at 100k Hz / 125 °C
Impedance ratio [-40°C / +20°C]	3
ESR (max)	0.044 Ω at 100k Hz / 20 °C
Endurance [Test time]	5000 hr at 125 °C
Endurance [Capacitance change]	Within $\pm$ 30% of initial value
Endurance [$\tan \delta$ 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 ϕD	ϕ 16 +0.5/-0 mm
Dimension L	Max 16 +2 mm
Dimension P (F)	7.5 $\pm$ 0.5 mm
Dimension C (d)	ϕ 0.8 $\pm$ 0.05 mm

2021.07.01

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.

Please read this notice before using the ELNA products.



REMINDERS

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Please do not incorporate the ELNA products into any equipment requiring high levels of safety and/or reliability (e.g., aerospace equipment, aviation equipment, medical equipment classified as Class IV by IMDRF, nuclear control equipment, undersea equipment, military equipment). When the ELNA products are used even for high safety and/or reliability-required devices or circuits of general electronic equipment, it is strongly recommended to perform a thorough safety evaluation prior to use of the ELNA products and to install a protection circuit as necessary.
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单击下面可查看定价，库存，交付和生命周期等信息

[>>Taiyo Yuden\(太阳诱电\)](#)