

# Spec Sheet

FOR AUTOMOTIVE MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS[RJD]

## RJD-25V272MK6GQ

**ELNA**



Unit : mm

### ■ Features

- Item Summary  
2700uF±20%, 25V, φ 18x25mm, Leaded
- Lifecycle Stage  
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)  
100

### ■ Products characteristics table

|                                       |   |
|---------------------------------------|---|
| Capacitance                           | 2700 uF ± 20 %                          |
| Rated Voltage                         | 25 V                                    |
| tan δ (max)                           | 0.16                                    |
| Operating Temp. Range                 | -55 to +105 °C                          |
| Leakage current (min)                 | 675 uA at 2 min                         |
| Rated Ripple (max)                    | 3000 mArms at 100k Hz / 105 °C          |
| Impedance ratio<br>___ [-55°C/+20°C]  | 3                                       |
| ESR (max)                             | 0.02 Ω at 100k Hz / 20 °C               |
| Endurance<br>___ [Test time]          | 8000 hr at 105 °C                       |
| Endurance<br>___ [Capacitance change] | Within ±20% of initial value            |
| Endurance<br>___ [tan δ change]       | 200% or less of initial specified value |
| Shape                                 | Miniature, Lead terminal                |
| Type                                  | 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 18 +0.5/-0 mm |
| Dimension L     | Max 25 +2 mm    |
| Dimension P (F) | 7.5 ±0.5 mm     |
| Dimension C (d) | φ 0.8 ±0.05 mm  |

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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

- Please conduct validation and verification of the ELNA products in actual condition of mounting and operating environment before using the ELNA products.
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