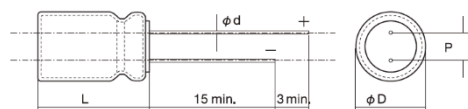


Spec Sheet

Cylinder Type Lithium Ion Capacitor(High Temperature Resistance Type)[RH series]

LIC1840RH3R8107



■ Features

- Item Summary
100F, 3.8(3.5)V, $\phi 18.0 \times 40.0 \text{ mm}$
- Lifecycle Stage
Mass Production (Preferred)

■ Products characteristics table

| | |
|-------------------------------|---------------------------|
| Nominal Capacitance | 100 F |
| Max. Usable Voltage1 | 3.8 V (at -30 to +85 °C) |
| Min. Usable Voltage1 | 2.2 V (at -30 to +85 °C) |
| Max. Usable Voltage2 | 3.5 V (at -30 to +105 °C) |
| Min. Usable Voltage2 | 2.5 V (at -30 to +105 °C) |
| Initial DCR | 75 m Ω max |
| Initial Capacitance | 100 F $\pm 15\%$ |
| Operating Temp. Range1 | -30 to +85 °C |
| Operating Temp. Range2 | -30 to +105 °C |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (209 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Manual |

■ External Dimensions

| | |
|-------------|--------------------------------|
| Dimension D | $\phi 18.0 \pm 0.5 \text{ mm}$ |
| Dimension L | $40.0 \pm 2.0 \text{ mm}$ |
| Dimension d | Typ $\phi 0.8 \text{ mm}$ |
| Dimension P | $7.5 \pm 0.5 \text{ mm}$ |

2020.09.30

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 TAIYO YUDEN products.



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Please do not incorporate our 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 our 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 our products and to install a protection circuit as necessary.
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