

Cylinder Type Electric Double-Layer Capacitor[LP series]

LP10302R7106



■ Features

- Item Summary
10F, 2.7(2.3)V, $\phi 10.0 \times 30.0 \text{ mm}$
- Lifecycle Stage
Mass Production (Preferred)

■ Products characteristics table

Nominal Capacitance	10 F
Upper limit voltage1	2.7 V (at -40 to +70 °C)
Upper limit voltage2	2.3 V (at -40 to +85 °C)
Initial ESR [1KHz]	35 m Ω max
Initial Capacitance	10 F $\pm 20\%$
Operating Temp. Range1	-40 to +70 °C
Operating Temp. Range2	-40 to +85 °C
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Halogen Free	Yes
Soldering	Wave

■ External Dimensions

Dimension D	$\phi 10.0 \pm 0.5 \text{ mm}$
Dimension L	$30.0 \pm 2.0 \text{ mm}$
Dimension d	Typ $\phi 0.6 \text{ mm}$
Dimension P	$5.0 \pm 0.5 \text{ mm}$

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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 TAIYO YUDEN products.



REMINDERS

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