

# CDCM SPZ DATASHEET



<b>MODEL</b>	<b>CDCM SPZ SERIES</b>
<b>PART NUMBER</b>	CDCM0360C0-0002R7SPZ

<b>Version</b>	<b>Revision of historical records</b>
V2019-1	The First Release

<b>FEATURES</b>
Soldering pin connection
Exceptional shock and vibration resistance
Over 1000,000 duty cycles

<b>APPLICATIONS</b>
Pitching control system of Wind Turbine Generator
UPS and backup power supply
Electronic tools and police flash lights

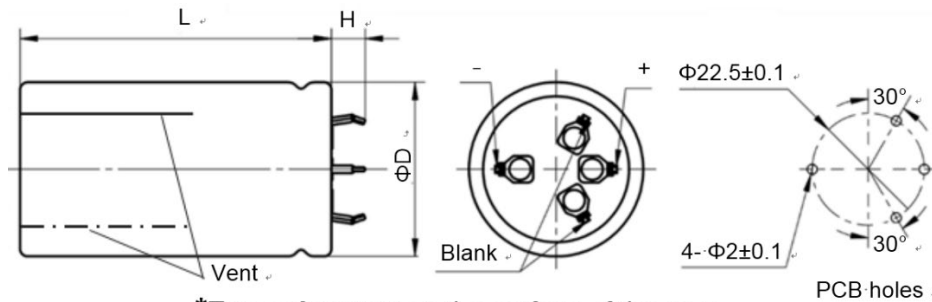
## CONSTRUCTION & DIMENSIONS

### 1) Construction

Inside structure: fold anode and cathode electrode with separator

Outer structure: aluminum case, insulating sleeve

### 2) Dimensions



\*Two safety vent on the surface of the case

PRODUCT	DIMENSION (mm)		
	$L \pm 0.3$	$H + 1$	$D + 0.8$
360F	61.7	5.2	35

## SPECIFICATIONS

Items	Characteristics
Operating Voltage	2.7V DC
Surge Voltage	2.85V DC
Operating Temperature Range	-40°C to 65°C
Capacitance Tolerance	0% to +20% (25°C)
Temperature Performance (-40°C to 65°C)	$\Delta C \leq 5\%$ of initial value @ 25°C $\Delta ESR \leq 50\%$ of rated value
Life (1,500 hours @ 65°C, 2.7V DC)	$\Delta C \leq 20\%$ of initial value $\Delta ESR \leq 100\%$ of initial value
Cycle life (1,000,000 cycles between $V_R$ and $1/2V_R$ )	$\Delta C \leq 20\%$ of initial value $\Delta ESR \leq 100\%$ of initial value

**STANDARD PRODUCT**

CAP (F)	Part Number	ESR(mΩ)		LC (mA, RT 72hrs)	MAX. Energy Stored (Wh)	Max. Energy Density (Wh /Kg)	Max. Continuous Current (15/40°C, A)	Max. Peak Current (A)	Typical Thermal Resistance (R th, °C/W)	Typical Thermal Capacitance, (C th, J/°C)	Typical Mass (g)
		AC@ 1kHz Max.	DC Max.								
360	CDCM0360C0-0002R7SPZ	3.20	4.00	0.5	0.36	5.0	21/34	199	8.8	83	73

Product dimensions are for reference only unless otherwise identified. Product dimensions and specifications may change without notice.

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