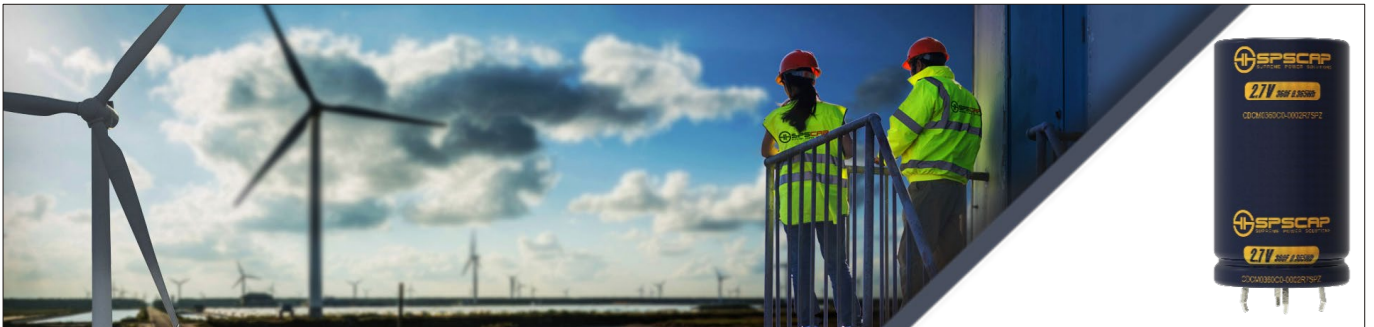


CDCM SPZ DATASHEET



MODEL	CDCM SPZ SERIES
PART NUMBER	CDCM0360C0-0002R7SPZ

Version	Revision of historical records
V2019-1	The First Release
V2020-1	Add Product Picture
V2020-2	Version Update

FEATURES
Soldering pin connection
Exceptional shock and vibration resistance
Over 1,000,000 duty cycles

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

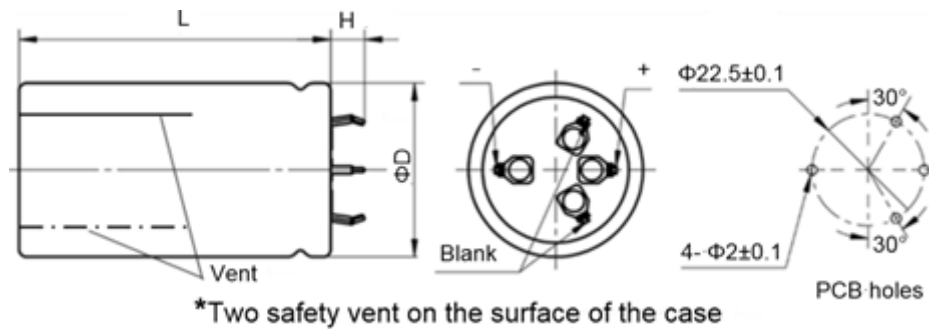
CONSTRUCTION & DIMENSIONS

1) Construction

Inside structure: fold anode and cathode electrode with separator

Outer structure: aluminum case, insulating sleeve

2) Dimensions



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

DETAIL SPECIFICATIONS

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

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