DP Series

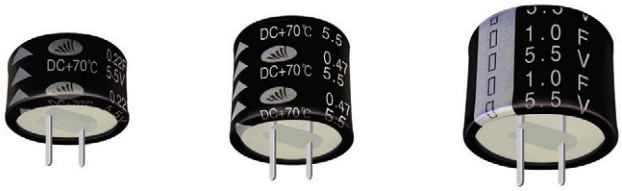
EDCON COMPONENTS
A MEMBER OF EDCON-GROUP

● Features

- 500,000 cycle
- 70℃ 1,000hr
- Pb-Free available

● Applications

- memory back-up for Video, Audio, Cameras,
- Camcorder, Telephones, Printer, Car stereo,
- Computer, Notebook PC, Rice cooker etc

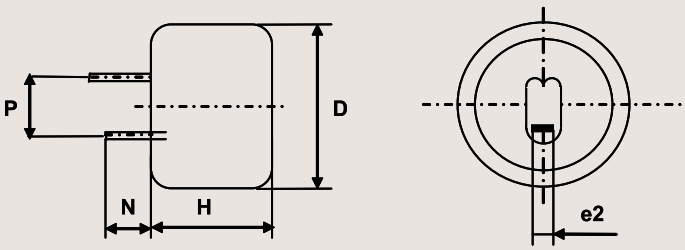


0.22F 0.47F 1.0F

● Specifications

Items	Characteristics
Rated working voltage	3.6, 5.5, 9.0VDC
Operating temperature	-25 to +70℃
Nominal Cap. range	0.1 to 4.7F
Capacitance tolerance	-20% to +80%(at 25℃)
Low temperature(-25℃) characteristics	Capacitance change : ≤ 50% of initial measured value at +25℃ Internal resistance : ≤400% times of initial specified value at +25℃
Endurance	Capacitance change : ±30% of initial measured value Internal resistance : ≤300% times of initial specified value (After 1,000hours application of rated DC working voltage at +70℃,the capacitor shall meet the following limits.)
Shelf life	After 1,000hours storage at +70℃ without load, the capacitor shall meet the specified limit for "Endurance"

● Dimensions in mm(not to scale)



● Standard products

Series	Capacitance (F)	Part number	Rated voltage (V)	ESR (Ω, @1kHz)	Leakage current (μA)	Terminal type	Size ΦD×H×P (mm)
DP	0.1	SC DP 3R6 104	3.6	≤ 100	≤ 80	C	13.5 × 7.0 × 5.0
DP	0.22	SC DP 3R6 224		≤ 50	≤ 150	C	16.5 × 7.0 × 5.0
DP	0.47	SC DP 3R6 474		≤ 40	≤ 350	C	16.5 × 11.5 × 5.0
DP	1.0	SC DP 3R6 105		≤ 15	≤ 700	C	21.5 × 11.5 × 7.6
DP	1.5	SC DP 3R6 155		≤ 15	≤ 900	C	21.5 × 11.5 × 7.6
DP	2.2	SC DP 3R6 225		≤ 10	≤ 1500	C	28.5 × 11.5 × 10.0
DP	4.7	SC DP 3R6 475		≤ 10	≤ 3000	C	28.5 × 16.5 × 10.0
DP	0.22	SC DP 5R5 224	5.5	≤ 50	≤ 300	C	16.5 × 9.5 × 5.0
DP	0.47	SC DP 5R5 474		≤ 40	≤ 600	C	16.5 × 14.5 × 5.0
DP	1.0	SC DP 5R5 105		≤ 15	≤ 1,000	C	21.5 × 14.5 × 7.6
DP	1.5	SC DP 5R5 155		≤ 10	≤ 1500	C	28.5 × 18.0 × 10.0
DP	2.2	SC DP 5R5 225		≤ 10	≤ 2000	C	28.5 × 18.0 × 10.0
DP	4.7	SC DP 5R5 475		≤ 10	≤ 3000	C	28.5 × 18.0 × 10.0
DP	0.47	SC DP 9R0 474	9.0	≤ 8	≤ 3000	C	28.5 × 18.0 × 10.0
DP	1.0	SC DP 9R0 105		≤ 8	≤ 3000	C	28.5 × 23.0 × 10.0

Note : It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process