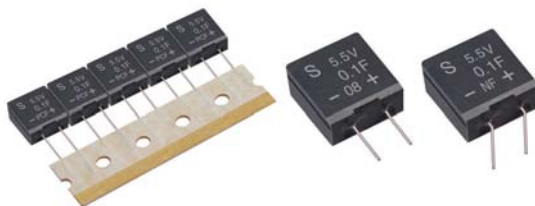


● Features

- High adaptability to automatic assembly
- Can be cleaned
- Excellent voltage holding characteristics ideal for long-time supply 1μA to several hundred
- Space saving

● Applications

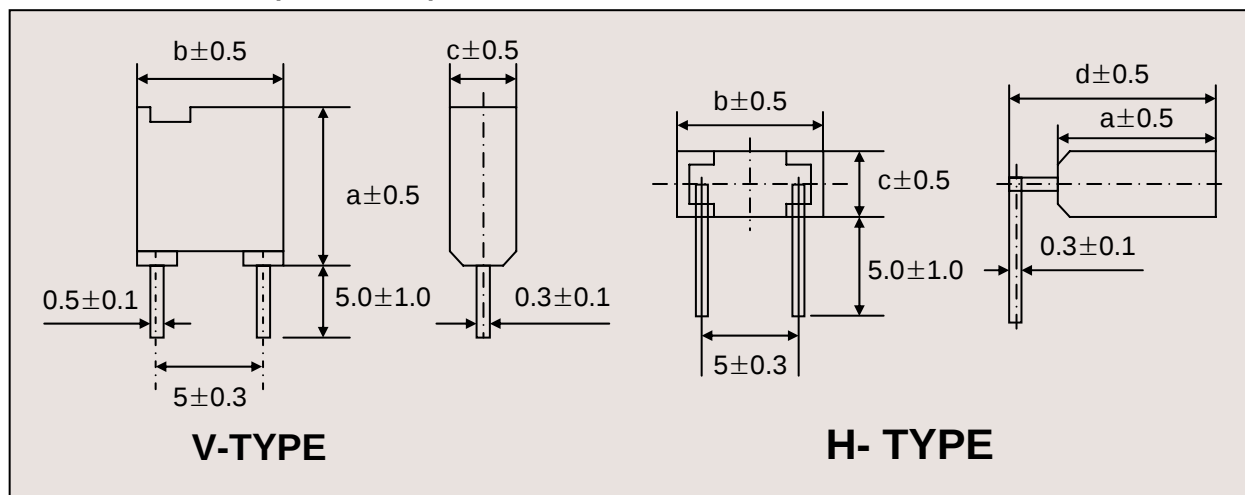
- Memory back-up for Video, Audio, Cameras, Camcorder, Telephones, Printer, Car stereo, Computer, Notebook PC, Rice cooker, Set top box CCTV, PDP, Boiler, DVDRW, DSC, flash etc



● Specifications

Items	Characteristics
Rated working voltage	5.5VDC
Operating temperature	-25 to +70℃
Maximum surge voltage	6.3VDC
Nominal Cap. range	0.022 to 0.1F
Capacitance tolerance	-20% to +80%(at 25℃)
Low temperature(-25℃) characteristics	Capacitance change : ≤ 50% of initial measured value at +25℃ Internal resistance : Less than five time of the initial value at +25℃
Endurance	Capacitance change : ±30% of initial measured value Internal resistance : Less than four time of the initial specified value at +25℃ (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 "Life"

● Dimensions in mm(not to scale)

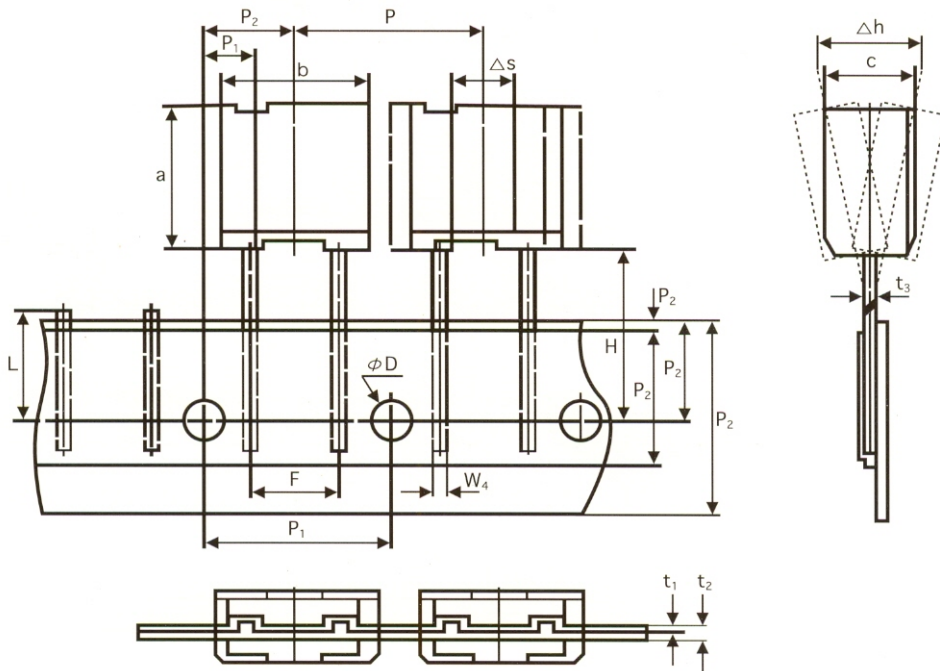


● Standard products

Part number	Operating voltage (V)	Capacitance (F)	ESR (Ω, @1kHz)	Size (mm) a×b×c×d
SC DA 5R5 223	5.5	0.022	≤ 150	10.5×9.5×5.0×12.0
SC DA 5R5 473		0.047	≤ 60	10.5×9.5×5.0×12.0
SC DA 5R5 104		0.1	≤ 60	12.5×11.5×5.0×14.0

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

● Tapping dimension



(UNIT : mm)

ITEM	SYMBOL	DIMENSION	ITEM	SYMBOL	DIMENSION
PITCH	P	12.7±0.2	PORTION TO CUT	L	11.0 +0,-1.0
LENGTH 1	P ₁	3.85±0.7	TOTAL THICKNESS	t ₁	0.6±0.3
LENGTH2	P ₂	6.35±1.3		t ₂	1.5
LEAD SPACING	F	5 +0.8,-0.2	DEVIATION ACROSS TAPE	Δh	0 ± 1.0
CARRIER TAPE WIDTH	W	18.0±0.5	CARRIER TAPE WIDTH	Δs	0 ± 2.0
HOLE DOWN TAPE WIDTH	W ₀	MAX 0.5	LEAD ACROSS SECTION	WIDTH	W ₄
POSITION OF HOLE	W ₁	9.0 +0.5,-0.5		THICKNESS	t ₃
HOLE DOWN TAPE POSITION	W ₂	0.5 ± 0.5	BODY DIMENSION	HEIGHT	a
COMPONENT BOTTON PLANE	H	18.5 ± 0.5		WIDTH	b
DIAMETER OF HOLE	Φ D ₀	4.0 ± 0.1		THICKNESS	c

(* Symbol is only applied to 104 model)