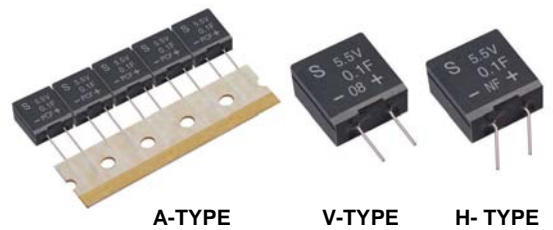


## ● Features

- Automatic assembly available (A-type)
- Low ESR
- Low self-discharge, low leakage current
- Space saving design

## ● Applications

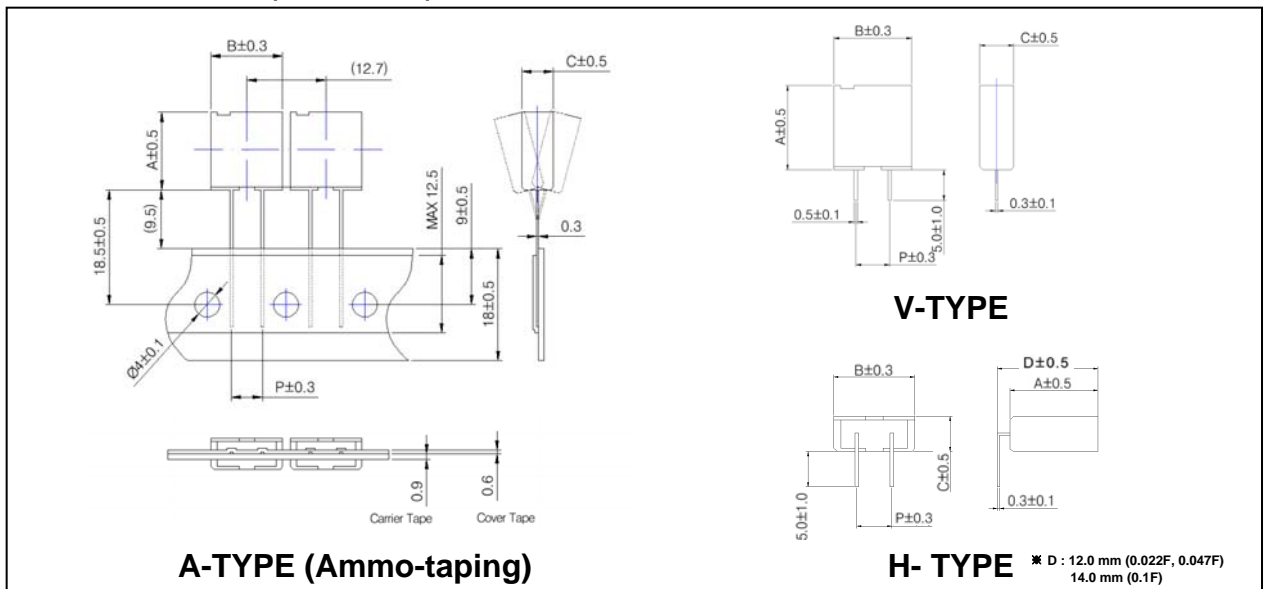
- Memory back-up for Video, Audio, Cameras, Camcorder, Telephones, Printer, Car stereo, Computer, Notebook PC, Rice cooker, Set top box CCTV, PDP, Boiler, DVD-RW, DSC, etc.



## ● 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 the spec. value at +25℃ ESR change : Less than five times of the spec. value at +25℃
Endurance (5.5Vdc, 70℃, 1000Hrs.)	Capacitance change : ≤ 30% of the spec. value at +25℃ ESR change : Less than four times of the spec. value at +25℃

## ● Dimensions in mm(not to scale)



## ● Standard products

Part number	Operating voltage (V)	Capacitance (F)	ESR (Ω, @1kHz)	Size (mm) A×B×C×P
DA 5R5 223	5.5	0.022	≤ 150	10.5×9.5×5.0×5.0
DA 5R5 473		0.047	≤ 60	10.5×9.5×5.0×5.0
DA 5R5 104		0.1	≤ 60	12.5×11.5×5.0×5.0

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