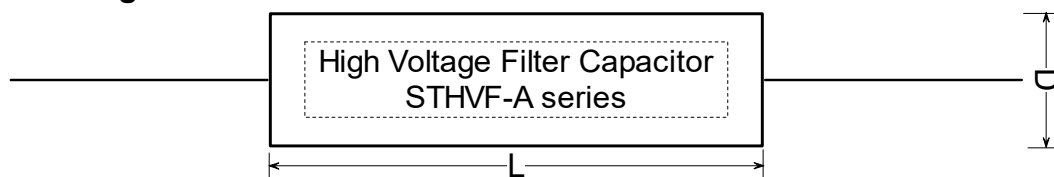


2.3 High Voltage Filter Capacitors – Axial leads :

Electrical Characteristics : STHVF-A series : Copper lead at Capacitor both ends (Axial Lead)

Drawing : STHVF-A series



Rated Voltage : 4,000Vdc – 8kVdc / 1,800Vac – 3kVac

Capacitance range : 0.075uF – 0.25uF with **Tolerance :** +/-10% +/-5% at 25C

Rated Temperature : +70C / +85C

Specifications and Size :

STHVF-A Specifications and Size : 1800Vac / 4000Vdc

Part number	Cap uF	Diameter D mm	Length L mm	dv/dt v/us	I _{peak} A 105C	Amp 100kHz 85C
STHVF-A334k1800A-V1	0.22	35	110	1550	341	9
STHVF-A254k1800A-V1	0.25	35	110	1550	387	10

STHVF-A Specifications and Size : 2200Vac / 5000Vdc

Part number	Cap uF	Diameter D mm	Length L mm	dv/dt v/us	I _{peak} A 105C	Amp 100kHz 85C
STHVF-A154k2200A-V1	0.15	35	110	1700	255	7
STHVF-A224k2200A-V1	0.22	35	110	1700	374	10
STHVF-A254k2200A-V1	0.25	45	110	1700	425	11

STHVF-A Specifications and Size : 2500Vac / 6000Vdc

Part number	Cap uF	Diameter D mm	Length L mm	dv/dt v/us	I _{peak} A 105C	Amp 100kHz 85C
STHVF-A104k2500A-V1	0.1	35	110	2400	240	5
STHVF-A124k2500A-V1	0.12	35	110	2400	288	6
STHVF-A154k2500A-V1	0.15	35	110	2400	360	7
STHVF-A224k2500A-V1	0.22	45	110	2400	528	11

STHVF-A Specifications and Size : 3000Vac / 8000Vdc

Part number	Cap uF	Diameter D mm	Length L mm	dv/dt v/us	I _{peak} A 105C	Amp 100kHz 85C
STHVF-A104k2500A-V1	0.075	35	110	4700	350	4
STHVF-A124k2500A-V1	0.1	35	110	4700	470	6
STHVF-A154k2500A-V1	0.12	45	110	4700	560	7
STHVF-A224k2500A-V1	0.15	45	110	4700	700	9