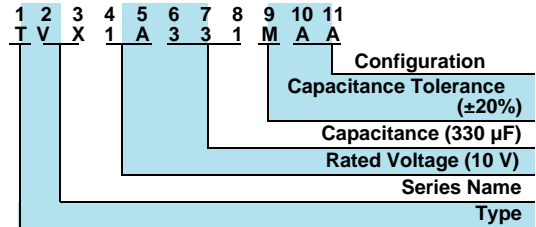
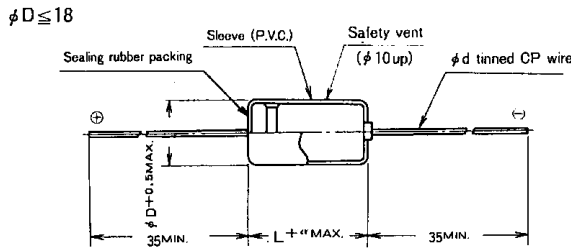


TVX Series Axial Capacitors

TVX Compact Series miniature aluminum electrolytic capacitors provide higher component density in solid-state circuitry. Features further miniaturization of both body length and diameter for greater CV density when compared to conventional type aluminum electrolytic lines. **Capacitance:** ±20%. **Operating temperature range:** -40°C to +85°C.

Axial Lead Type

Type numbering system (Example: 10 V 33μF)



Note: Dimensions are in mm.

∅D	5-13	16-25.4
∅d	.6	.8

V	6.3-100	160-450
μ	1	2

* μ = 2 for ∅D 22

Configuration	
∅D	Code
5 - 8	AA
10 - 18	CA
22, 25.4	DA

Mfr.'s Type	μF	WVDC	Case Size D X L (mm)		Each	
			1-99	100-499		
TVX0J101MAA	100	6.3	5 12	.31	.24	
TVX0J221MAA	220		6.3 16	.32	.24	
TVX0J331MAA	330		6.3 16	.43	.32	
TVX0J471MAA	470		8 16	.45	.34	
TVX0J102MCA	1000		10 21	.69	.51	
TVX1A470MAA	47	10	5 12	.25	.19	
TVX1A101MAA	100		6.3 12	.31	.24	
TVX1A221MAA	220		6.3 16	.37	.28	
TVX1A331MAA	330		8 16	.37	.28	
TVX1A471MAA	470		8 16	.43	.32	
TVX1A102MCA	1000		10 21	.61	.45	
TVX1A222MCA	2200		13 26	1.11	.83	
TVX1C220MAA	22	16	5 12	.25	.19	
TVX1C330MAA	33		5 12	.27	.20	
TVX1C470MAA	47		5 12	.31	.24	
TVX1C101MAA	100		6.3 16	.35	.27	
TVX1C221MAA	220		8 16	.42	.31	
TVX1C331MAA	330		8 16	.49	.37	
TVX1C471MAA	470		8 20	.49	.37	
TVX1C102MCA	1000		10 26	.85	.64	
TVX1C222MCA	2200		13 31.5	1.28	.96	
TVX1C332MCA	3300		16 31.5	2.01	1.50	
TVX1C472MCA	4700		16 41.5	2.73	2.05	
TVX1C682MCA	6800		18 41	3.19	2.40	
TVX1C103MDA	10000		22 40	4.21	3.16	
TVX1C153MDA	15000		22 52	5.94	4.46	
TVX1E100MAA	10	25	5 12	.25	.19	
TVX1E220MAA	22		5 12	.27	.20	
TVX1E330MAA	33		5 12	.31	.24	
TVX1E470MAA	47		6.3 12	.31	.24	
TVX1E101MAA	100		6.3 16	.37	.28	
TVX1E221MAA	220		8 16	.43	.32	
TVX1E331MAA	330		8 20	.50	.38	
TVX1E471MCA	470		10 26	.71	.54	
TVX1E102MCA	1000		13 26	1.11	.83	
TVX1E222MCA	2200		16 31.5	2.18	1.63	
TVX1E332MCA	3300		16 41.5	2.76	2.07	
TVX1E472MCA	4700		18 41	3.19	2.40	
TVX1E103MDA	10000		22 52	5.93	4.45	
TVX1V100MAA	10		35	5 12	.25	.19
TVX1V220MAA	22			5 12	.31	.24
TVX1V330MAA	33			6.3 12	.31	.24
TVX1V470MAA	47	6.3 16		.32	.24	
TVX1V101MAA	100	8 16		.37	.28	
TVX1V221MAA	220	8 20		.50	.38	
TVX1V331MCA	330	10 21		.61	.45	
TVX1V471MCA	470	10 26		.85	.64	
TVX1V102MCA	1000	13 31.5		1.28	.96	
TVX1V222MCA	2200	16 31.5		2.56	1.92	
TVX1V332MCA	3300	16 41.5		3.16	2.37	
TVX1V472MCA	4700	22 40		4.10	3.07	
TVX1V103MDA	10000	25.4 61		8.03	6.02	

Mfr.'s Type	μF	WVDC	Case Size D X L (mm)		Each	
			1-99	100-499		
TVX1HR47MAA	.47	50	5 12	.25	.19	
TVX1H010MAA	1		5 12	.25	.19	
TVX1H2R2MAA	2.2		5 12	.25	.19	
TVX1H3R3MAA	3.3		5 12	.25	.19	
TVX1H4R7MAA	4.7		5 12	.25	.19	
TVX1H100MAA	10		5 12	.31	.24	
TVX1H220MAA	22		6.3 12	.32	.24	
TVX1H330MAA	33		6.3 16	.32	.24	
TVX1H470MAA	47		6.3 16	.37	.28	
TVX1H101MAA	100		8 16	.49	.37	
TVX1H221MCA	220		10 21	.61	.45	
TVX1H331MCA	330		10 26	.85	.64	
TVX1H471MCA	470		13 26	1.11	.83	
TVX1H102MCA	1000		16 31.5	2.05	1.54	
TVX1H222MCA	2200	18 41	3.76	2.82		
TVX1H332MDA	3300	22 40	4.65	3.48		
TVX1H472MDA	4700	22 52	5.94	4.46		
TVX1J4R7MAA	4.7	63	5 12	.25	.19	
TVX1J100MAA	10		5 12	.31	.23	
TVX1J220MAA	22		6.3 12	.32	.24	
TVX1J470MAA	47		8 16	.37	.28	
TVX1J101MAA	100		8 20	.50	.38	
TVX1J221MCA	220		10 26	.85	.64	
TVX1J471MCA	470		13 31.5	1.45	1.09	
TVX2A010MAA	1	100	5 12	.25	.19	
TVX2A2R2MAA	2.2		5 12	.27	.20	
TVX2A4R7MAA	4.7		5 12	.31	.24	
TVX2A100MAA	10		6.3 12	.31	.24	
TVX2A470MAA	47		8 20	.50	.38	
TVX2A101MCA	100		10 26	.85	.64	
TVX2A221MCA	220		13 26	1.28	.96	
TVX2A471MCA	470	16 31.5	2.56	1.92		
TVX2C2R2MAA	2.2	160	6.3 16	.38	.29	
TVX2C100MAA	10		8 20	.51	.38	
TVX2C220MCA	22		10 26	.85	.64	
TVX2E2R2MAA	2.2	250	8 16	.47	.35	
TVX2E4R7MAA	4.7		8 20	.51	.38	
TVX2E470MCA	47		16 31.5	1.93	1.45	
TVX2E101MCA	100		16 41.5	2.69	2.02	

Frequency coefficient of allowable ripple current

V	Cap. (μF)	Frequency (Hz)			
		120	300	1k	10k-
6.3 - 100	~ 47	1.00	1.35	1.57	2.00
	100 ~ 470	1.00	1.23	1.34	1.50
	1000 ~ 22000	1.00	1.10	1.13	1.15
160 - 450	1 ~ 220	1.00	1.25	1.40	1.60
	330 ~ 470	1.00	1.10	1.13	1.15