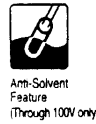
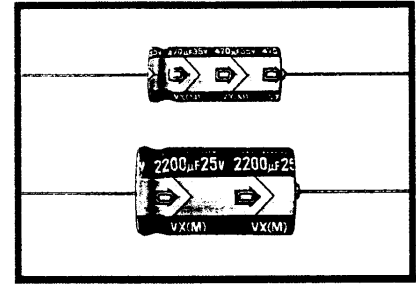


VX Standard, For General Purposes - Axial Lead Type (02 type) series



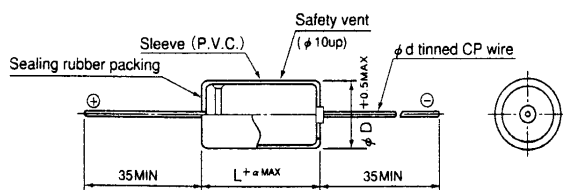
- Axial lead type of standard series for general purposes.



Specifications

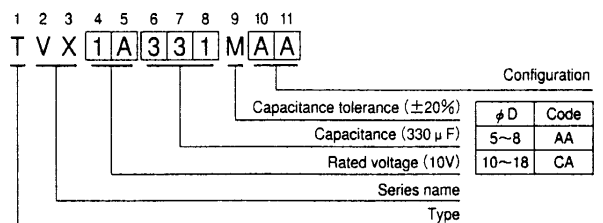
Item	Performance Characteristics																																							
Operating Temperature Range	-40~+85°C (6.3~250V), -25~+85°C (315~450V)																																							
Voltage Range	6.3~450V																																							
Capacitance Range	0.47~10000 µF																																							
Capacitance Tolerance	±20% at 120Hz, 20°C																																							
Leakage Current	Rated voltage (V)	6.3~100 160~450																																						
	Leakage current	After 1 minute's application of rated voltage, not more than 0.03CV or 4 (µA), whichever is greater. After 2 minutes' application of rated voltage, not more than 0.01CV or 3 (µA), whichever is greater.																																						
tan δ	For capacitance of more than 1000 µF, add 0.02 for every increase of 1000 µF. Measurement frequency : 120Hz, Temperature : 20°C																																							
	Rated voltage (V)	6.3 10 16 25 35 50 63~100 160~315 350~450																																						
Stability at Low Temperature	Measurement frequency : 120Hz																																							
	Impedance ratio ZT/Z20 (MAX.)	<table border="1"> <thead> <tr> <th>Rated voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63~100</th> <th>160~250</th> <th>315</th> <th>350</th> <th>400</th> <th>450</th> </tr> </thead> <tbody> <tr> <td>Z-25°C/Z+20°C</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>4</td> <td>6</td> <td>6</td> <td>6</td> <td>15</td> <td>—</td> </tr> <tr> <td>Z-40°C/Z+20°C</td> <td>10</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> <td>12</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> <td>—</td> </tr> </tbody> </table>	Rated voltage (V)	6.3	10	16	25	35	50	63~100	160~250	315	350	400	450	Z-25°C/Z+20°C	4	3	2	2	2	2	4	6	6	6	15	—	Z-40°C/Z+20°C	10	8	6	4	3	3	12	—	—	—	—
Rated voltage (V)	6.3	10	16	25	35	50	63~100	160~250	315	350	400	450																												
Z-25°C/Z+20°C	4	3	2	2	2	2	4	6	6	6	15	—																												
Z-40°C/Z+20°C	10	8	6	4	3	3	12	—	—	—	—	—																												
Load Life	After 2000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right.	Capacitance change	Within ±20% of initial value																																					
		tan δ	200% or less of initial specified value																																					
Shelf Life	After leaving capacitors under no load at 85°C for 1000 hours, they meet the requirements at right.	Capacitance change	Within ±20% of initial value																																					
		tan δ	200% or less of initial specified value																																					
Marking	Printed with white color letter on purple blue sleeve.																																							
Applicable Standards	JIS C 5141 and JIS C 5102.																																							

Axial Lead Type



α	(φ D < 10)	1	φ D	5~13	16~18
	(φ D ≥ 10)	2	φ d	0.6	0.8

Type numbering system (Example : 10V 330 µF)



Please refer to page 19 about the formed or taped product spec.
Please refer to page 3 for the minimum order quantity.

• Dimension table in next page.

VX (02 type) series

ALUMINUM ELECTROLYTIC CAPACITORS

■ Dimensions

DXL (mm)

Cap. (μF)	Code	6.3		10		16		25		35		50		63		100	
		0J		1A		1C		1E		1V		1H		1J		2A	
0.47	R47																
1	010											5X12	5				5X12 10
2.2	2R2											5X12	10				5X12 18
3.3	3R3											5X12	23				5X12 28
4.7	4R7											5X12	28				5X12 34
10	100											5X12	34				5X12 40
22	220											5X12	50	5X12	55	6.3X12	60
33	330							5X12	80	6.3X12	90	6.3X12	85	6.3X12	90	8X16	120
47	470					5X12	85	6.3X12	100	6.3X16	120	6.3X16	110	6.3X16	120	8X16	150
100	101	5X12	110	6.3X12	130	6.3X16	160	6.3X16	170	8X16	210	8X16	220	8X20	260	10X26	340
220	221	6.3X16	200	6.3X16	210	8X16	260	8X16	280	8X20	340	10X21	410	10X26	480	13X26	560
330	331	6.3X16	250	8X16	300	8X16	320	8X20	380	10X21	460	10X26	560	13X26	650	13X31.5	750
470	471	8X16	330	8X16	350	8X20	430	10X26	510	10X26	610	13X26	730	13X31.5	840	16X31.5	970
1000	102	10X21	600	10X21	640	10X26	770	13X26	900	13X31.5	1060	16X31.5	1260	16X31.5	1330		
2200	222	13X26	1020	13X26	1090	13X31.5	1180	16X31.5	1480	16X31.5	1580	18X41	1920				
3300	332	13X26	1200	13X31.5	1390	16X31.5	1620	16X41.5	1710	16X41.5	2050						
4700	472	16X31.5	1500	16X31.5	1730	16X41.5	1840	18X41	2170								
6800	682	16X31.5	1840	16X41.5	1930	18X41	2310										
10000	103	16X41.5	2260	18X41	2350												

Cap. (μF)	Code	160		200		250		315		350		400		450	
		2C		2D		2E		2F		2V		2G		2W	
1	010	6.3X12	13	6.3X12	13	6.3X16	14	6.3X16	14	6.3X16	12	8X16	14	8X16	14
2.2	2R2	6.3X16	23	6.3X16	23	8X16	27	8X16	27	8X16	24	8X20	28	10X21	31
3.3	3R3	8X16	33	8X16	33	8X16	33	8X20	36	8X20	32	10X21	38	10X21	38
4.7	4R7	8X16	39	8X16	39	8X20	45	8X20	45	10X21	46	10X21	46	10X26	50
10	100	8X20	60	10X21	70	10X21	70	10X26	80	13X26	85	13X26	85	13X26	85
22	220	10X26	120	13X26	140	13X26	140	13X31.5	150	13X31.5	140	16X31.5	150	16X31.5	150
33	330	13X26	170	13X26	170	13X31.5	190	16X31.5	210	16X31.5	190	16X41.5	210	18X41	230
47	470	13X31.5	230	13X31.5	230	16X31.5	260	16X31.5	260	16X41.5	260	18X41	290		
100	101	16X41.5	430	16X41.5	430	16X41.5	430							Case size	Allowable ripple

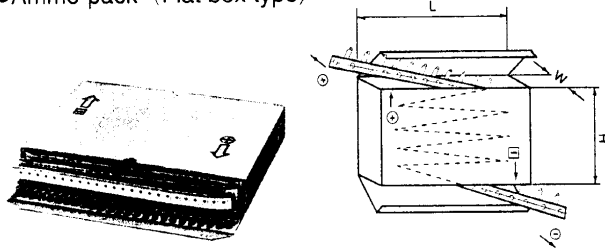
Allowable Ripple (mA rms) at 85°C 120Hz

● 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
	1000~10000	1.00	1.10	1.13	1.15
160~450	1~100	1.00	1.25	1.40	1.60

Packaging

- Ammo-pack (Flat box type)

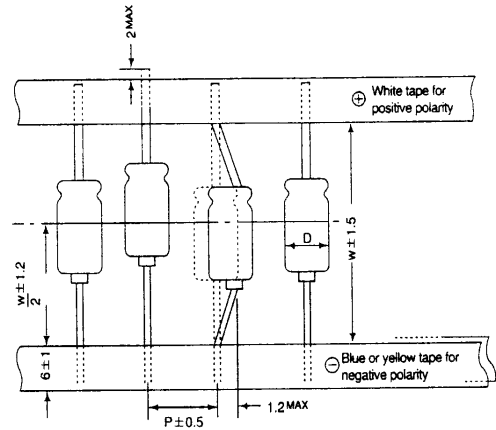


L	H	W	Case Size	Qty/Box
340	150	50	3×5	2000
340	200	50	4×5, 4×7	2000
340	250	50	5×5, 5×7	2000
			8×5, 8×7	1000
340	300	50	6.3×5, 6.3×7	2000
340	260	54	4×11, 5×9, 5×11	2000
			8×9, 8×11.5, 8×15	1000
340	200	54	10×9, 10×12.5, 10×15, 10×16	500
340	300	54	6.3×9, 6.3×11, 6.3×15	2000
340	260	62	8×20	1000
340	200	62	10×20	500
340	200	65	10×25	500
330	290	65	12.5×12.5, 12.5×15, 12.5×20	500
			12.5×25	250
			18×15, 18×20, 18×25	250
320	230	65	16×15, 16×20, 16×25	250

- Axial lead type (Applicable standard JIS C0805)
The following code shall be put at 12th ~ 14th digit of the corresponding type number of capacitors. (mm)

Taping Specifications		Case dia (φ)	Taping code	Qty/Reel (pcs.)
Dim. W (Tape distance)	Dim. P (Component Pitch)			
52.4	10	5	1LS	1600
		6.3		1300
		8		1000
63.5	10	5	1LV	1600
		6.3		1300
		8		1000
73.0	10	5	1LY	1600
		6.3		1300
		8		1000
52.4	15	10	1LT	500
		13 (except 31.5L)		350
63.5	15	10	1LW	500
		13		350
73.0	15	10	1LZ	500
		13		350

Please contact us for complete information on the package dimensions for tapes axial lead capacitors.



ALUMINUM ELECTROLYTIC CAPACITORS