Aluminum Capacitors
+ 85 °C, Miniature, Axial Lead

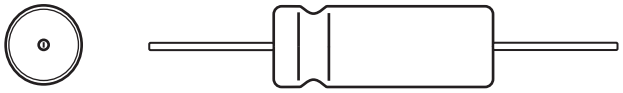

Fig.1 Component outlines

FEATURES

- Low leakage current
- Long shelf life
- Ideal for application in TV sets, auto radios, radio-phone combinations, electronic testing equipment

Pb-free Available

QUICK REFERENCE DATA	
DESCRIPTION	**VALUE**
Nominal case size Ø D x L in mm	6.350 x 12.700 to 34.925 x 92.075
Operating temperature	
6 WVDC to 100 WVDC	- 40 °C to + 85 °C
101 WVDC to 475 WVDC	- 20 °C to + 85 °C
500 WVDC and higher	20 °C to + 65 °C
Rated Capacitance range, C_R	1 µF to 15 000 µF

ORDERING EXAMPLE (1)

Order by Distribution part no. Example: TVA1318.7

Note (1) For lead (Pb)-free/RoHS compliant products add the suffix "-E3" to the part no. Example: TVA1318.7-E3

DIMENSIONS in inches [millimeters]

CASE CODE	D	L	CASE CODE	D	L
BA	0.250 [6.350]	0.500 [12.700]	FJ	0.625 [15.875]	1.625 [41.275]
BB	0.250 [6.350]	0.687 [17.450]	FK	0.485 [12.319]	1.750 [44.450]
CB	0.312 [7.925]	0.687 [17.450]	GE	0.750 [19.050]	1.125 [28.575]
CC	0.312 [7.925]	0.812 [20.625]	GG	0.750 [19.050]	1.375 [34.925]
DC	0.375 [9.525]	0.812 [20.625]	GH	0.625 [15.875]	1.500 [38.100]
DD	0.375 [9.525]	0.937 [23.800]	GL	0.750 [19.050]	2.125 [53.975]
DF	0.375 [9.525]	1.250 [31.750]	GK	0.625 [15.875]	1.750 [44.450]
DH	0.375 [9.525]	1.500 [38.100]	GJ	0.750 [19.050]	1.625 [41.275]
EE	0.500 [12.700]	1.125 [28.575]	HG	0.875 [22.225]	1.375 [34.925]
EF	0.438 [11.125]	1.250 [31.750]	HJ	0.875 [22.225]	1.625 [41.275]
EG	0.500 [12.700]	1.375 [34.925]	HK	0.875 [22.225]	1.875 [47.625]
EH	0.438 [11.125]	1.500 [38.100]	HL	0.875 [22.225]	2.125 [53.975]
EJ	0.500 [12.700]	1.625 [41.275]	JB	1.0 [25.4]	3.375 [85.725]
FG	0.625 [15.875]	1.375 [34.925]	JJ	1.0 [25.4]	1.625 [41.275]
FH	0.485 [12.319]	1.500 [38.100]	JK	1.0 [25.4]	1.875 [47.625]
JL	1.0 [25.4]	2.125 [53.975]	KP	1.125 [28.575]	2.625 [66.675]
JN	1.0 [25.4]	2.375 [60.325]	KS	1.125 [28.575]	3.125 [79.375]
JP	1.0 [25.4]	2.625 [66.675]	LP	1.250 [31.750]	2.625 [66.675]
JR	1.0 [25.4]	2.875 [73.025]	LS	1.250 [31.750]	3.125 [79.375]
JS	1.0 [25.4]	3.125 [79.375]	LT	1.250 [31.750]	3.625 [92.075]
JU	1.0 [25.4]	3.625 [92.075]	MD	1.375 [34.925]	4.125 [104.775]
JW	1.0 [25.4]	3.875 [98.425]	MN	1.375 [34.925]	2.375 [60.325]
KL	1.125 [28.575]	2.125 [53.975]	MS	1.375 [34.925]	3.125 [79.375]
KN	1.125 [28.575]	2.375 [60.325]	MT	1.375 [34.925]	3.625 [92.075]

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ELECTRICAL DATA AND ORDERING INFORMATION

CAPACITANCE (µF)	WVDC	CASE CODE	PART NUMBER (1)
SINGLE UNITS (POLARIZED)			
200.0	6	CB	TVA1101.7
5000.0	10	GK	TVA1129.5
25.0	16	BA	TVA1148
50.0	16	BB	TVA1150
100.0	16	CB	TVA1160
200.0	16	CC	TVA1160.6
250.0	16	DC	TVA1161
500.0	16	DD	TVA1162
600.0	16	DF	TVA1162.2
800.0	16	DF	TVA1162.3
1000.0	16	DH	TVA1163
1200.0	16	EH	TVA1164
1500.0	16	EH	TVA1175.2
2000.0	16	FK	TVA1170
3000.0	16	GH	TVA1175
5000.0	16	JL	TVA1175.5
10 000.0	16	LP	TVA1175.8
10.0	25	BA	TVA1204
25.0	25	BA	TVA1205
50.0	25	BB	TVA1206
75.0	25	CB	TVA1206.1
100.0	25	CC	TVA1207
150.0	25	DC	TVA1207.5
200.0	25	DC	TVA1207.7
250.0	25	DD	TVA1208
500.0	25	EF	TVA1209
1000.0	25	FH	TVA1211
1500.0	25	GH	TVA1212
2000.0	25	GK	TVA1213
2500.0	25	JK	TVA1213.5
5000.0	25	KP	TVA1214.5
500.0	35	EH	TVA1227
5500.0	35	JB	TVA1229
1.0	50	BA	TVA1300
2.0	50	BA	TVA1301
5.0	50	BA	TVA1303
5.0	50	BA	TVA1303.1
10.0	50	BA	TVA1304
15.0	50	BB	TVA1305
20.0	50	BB	TVA1305.5
25.0	50	BB	TVA1306
40.0	50	CC	TVA1306.5
50.0	50	CC	TVA1308
75.0	50	DC	TVA1309.4
100.0	50	DC	TVA1310
150.0	50	DD	TVA1311
200.0	50	DF	TVA1311.5
250.0	50	DH	TVA1312
300.0	50	EF	TVA1312.1
400.0	50	FH	TVA1313
500.0	50	FH	TVA1315
600.0	50	GH	TVA1315.2
1000.0	50	GK	TVA1316
1500.0	50	HL	TVA1318
2000.0	50	KL	TVA1318.2
2500.0	50	KP	TVA1318.3
3000.0	50	LP	TVA1318.4
5000.0	50	MS	TVA1318.7
1.0	63	BA	TVA1319.10
10.0	100	CB	TVA1337

Note

(1) For other capacitance and voltage ratings, please see Types 500D and 53D.

ELECTRICAL DATA AND ORDERING INFORMATION

CAPACITANCE (µF)	WVDC	CASE CODE	PART NUMBER (1)
SINGLE UNITS (POLARIZED)			
50.0	100	DF	TVA1343
100.0	100	EH	TVA1346
250.0	100	GK	TVA1349
500.0	100	KL	TVA1376
1.0	150	BA	TVA1400
2.0	150	BB	TVA1400.1
4.0	150	CC	TVA1402
5.0	150	CC	TVA1403
8.0	150	DC	TVA1405
10.0	150	DC	TVA1406
16.0	150	DD	TVA1409
20.0	150	DF	TVA1410
25.0	150	DF	TVA1411
30.0	150	EF	TVA1412
40.0	150	EH	TVA1413
50.0	150	EH	TVA1414
80.0	150	GK	TVA1418
100.0	150	GK	TVA1420
150.0	150	HL	TVA1422
200.0	150	JL	TVA1423
300.0	150	KP	TVA1425
3.0	200	CC	TVA1436
5.0	200	DC	TVA1438
10.0	200	DD	TVA1441
20.0	200	EF	TVA1442.1
100.0	200	HL	TVA1445
4.0	250	DC	TVA1501
10.0	250	DF	TVA1504
12.0	250	EF	TVA1505
20.0	250	EH	TVA1508
30.0	250	GH	TVA1510
40.0	250	GK	TVA1511
50.0	250	HG	TVA1512
60.0	250	HJ	TVA1513
100.0	250	JK	TVA1522
1.0	300	CB	TVA1540
3.0	350	DD	TVA1600.1
4.0	350	DF	TVA1601
5.0	350	DF	TVA1602.5
8.0	350	EH	TVA1603
10.0	350	EH	TVA1604
15.0	350	FK	TVA1607
20.0	350	GK	TVA1608
60.0	350	HL	TVA1613
100.0	350	JP	TVA1620
1.0	450	DC	TVA1700
2.0	450	DF	TVA1701
4.0	450	EH	TVA1702
5.0	450	EH	TVA1703
8.0	450	FK	TVA1704
10.0	450	GK	TVA1705
12.0	450	GK	TVA1706
20.0	450	HJ	TVA1709
30.0	450	HK	TVA1711
40.0	450	HL	TVA1712
50.0	450	KL	TVA1713
100.0	450	LS	TVA1718
60.0	450	KL	TVA1714
80.0	450	JP	TVA1716
20.0	500	HL	TVA1906
16.0	475	HJ	TVA1803.1
40.0	500	JN	TVA1908
10.0	600	JR	TVA1963
20.0	600	JW	TVA1966
30.0	500	JJ	TVA1907

Note

(1) For other capacitance and voltage ratings, please see Types 500D and 53D.

ELECTRICAL DATA AND ORDERING INFORMATION			
CAPACITANCE (µF)	WVDC	CASE CODE	PART NUMBER (1)
NON-POLARIZED			
50.0	10	CB	TVAN1117
10.0	25	BB	TVAN1204.1
16.0	25	BB	TVAN1204.3
25.0	25	CB	TVAN1205.1
50.0	25	CC	TVAN1206.1
100.0	25	DD	TVAN1207.1
20.0	30	CB	TVAN1220
2.0	50	BA	TVAN1301.1
3.0	50	BA	TVAN1302.1
5.0	50	BB	TVAN1303.1
8.0	50	BB	TVAN1303.4
10.0	50	CB	TVAN1304.1
25.0	50	DC	TVAN1306.1
50.0	50	DD	TVAN1308.1
100.0	50	DH	TVAN1310.1
10.0	100	EJ	TVAN1333
20.0	100	FJ	TVAN1335
60.0	200	JP	TVAN1440
1.0	300	EG	TVAN1560
5.0	350	GJ	TVAN1602
20.0	400	JL	TVAN1652

Note

(1) For other capacitance and voltage ratings, please see Types 500D and 53D.

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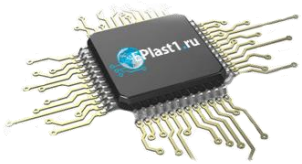

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