

ALUMINUM ELECTROLYTIC CAPACITORS

EEE-FT SERIES SURFACE MOUNT ALUMINUM ELECTROLYTIC CAPACITOR (CONT.)

Mfg. Part No.	Cap.	Tol.	ESR	Dia.	Height	Stock No.	Tape Cut 1-9+
50 V, 105 °C							
● EEE-FT1H100AR	10µF	±20%	0.88ohm	5mm	5.8mm	31T8181	0.12
● EEE-FT1H220AR	22µF	±20%	0.88ohm	5mm	5.8mm	31T8182	---
● EEE-FT1H470AP	47µF	±20%	0.68ohm	6.3mm	5.8mm	31T8185	0.68
● EEE-FT1H221AP	220µF	±20%	0.18ohm	8mm	10.2mm	31T8183	1.18
● EEE-FT1H331AP	330µF	±20%	0.12ohm	10mm	10.2mm	31T8184	1.42

PIM_209005

TTA SERIES 85°C STANDARD AXIAL ALUMINUM ELECTROLYTIC CAPACITORS

Features

- High ripple current ratings
- Solvent tolerant end seals standard (=250 WVDC)

Specifications

- Tolerance: ±20% at 120Hz, 20°C

- Operating Temperature: 450VDC: -40°C to +85°C
- = 450VDC: -25°C to +85°C

ILLINOIS CAPACITOR, INC.



Mfg. Part No.	Cap.	Tol.	ESR	Dia.	Height	Stock No.	Price Each 1-24+
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10 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 109TTA010M	10000µF	±20%	0.033ohm	18mm	40mm	30K6621	4.24
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16 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 476TTA016M	47µF	±20%	5.947ohm	5mm	12.5mm	30K6760	0.23
● 108TTA016M	1000µF	±20%	0.282ohm	10mm	25mm	30K6609	1.10
● 478TTA016M	4700µF	±20%	0.088ohm	16mm	31.5mm	30K6773	2.88
● 109TTA016M	10000µF	±20%	0.058ohm	18mm	40mm	30K6622	4.11
● 159TTA016M	15000µF	±20%	0.05ohm	22mm	50mm	30K6650	6.10

25 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 476TTA025M	47µF	±20%	5.291ohm	6.3mm	12.5mm	30K6761	0.64
● 107TTA025M	100µF	±20%	2.487ohm	6.3mm	13mm	30K6600	0.29
● 108TTA025M	1000µF	±20%	0.249ohm	12.5mm	25mm	77M9891	1.75
● 228TTA025M	2200µF	±20%	0.143ohm	16mm	31mm	51M6859	3.23
● 338TTA025M	3300µF	±20%	0.106ohm	16mm	30mm	30K6729	3.72
● 478TTA025M	4700µF	±20%	0.081ohm	16mm	40mm	30K6774	3.42

35 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 106TTA035M	10µF	±20%	19.894ohm	5mm	12.5mm	30K6594	0.56
● 226TTA035M	22µF	±20%	9.043ohm	5mm	12.5mm	30K6677	0.57
● 107TTA035M	100µF	±20%	1.989ohm	8mm	16mm	30K6601	0.80
● 108TTA035M	1000µF	±20%	0.199ohm	12.5mm	25mm	30K6610	1.90
● 338TTA035M	3300µF	±20%	0.09ohm	16mm	40mm	30K6730	4.37
● 478TTA035M	4700µF	±20%	0.064ohm	22mm	40mm	30K6775	4.26
● 688TTA035M	6800µF	±20%	0.059ohm	22mm	50mm	30K6800	2.70

50 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 105TTA050M	1µF	±20%	165.66ohm	5mm	12.5mm	30K6585	0.59
● 475TTA050M	4.7µF	±20%	35.274ohm	5mm	12.5mm	30K6758	0.57
● 106TTA050M	10µF	±20%	16.579ohm	5mm	12.5mm	30K6595	0.75
● 226TTA050M	22µF	±20%	7.536ohm	6.3mm	12.5mm	30K6678	0.64
● 476TTA050M	47µF	±20%	3.527ohm	6.3mm	6.3mm	58K9813	0.73
● 107TTA050M	100µF	±20%	1.658ohm	8mm	16mm	75K6216	0.95
● 227TTA050M	220µF	±20%	0.754ohm	10mm	10mm	84M4682	1.00
● 337TTA050M	330µF	±20%	0.502ohm	10mm	25mm	30K6725	0.65
● 477TTA050M	470µF	±20%	0.353ohm	12.5mm	25mm	82K7747	1.83
● 108TTA050M	1000µF	±20%	0.166ohm	16mm	30mm	30K6611	2.40
● 158TTA050M	1500µF	±20%	0.133ohm	16mm	40mm	30K6647	3.22
● 228TTA050M	2200µF	±20%	0.106ohm	16mm	40mm	30K6693	3.62

63 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 108TTA063M	1000µF	±20%	0.166ohm	16mm	30mm	30K6612	3.00
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100 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 105TTA100M	1µF	±20%	331.573ohm	5mm	12.5mm	30K6586	0.18
● 225TTA100M	2.2µF	±20%	150.719ohm	5mm	12.5mm	30K6675	0.57
● 335TTA100M	3.3µF	±20%	100.477ohm	5mm	12.5mm	30K6715	0.17
● 106TTA100M	10µF	±20%	33.157ohm	6.3mm	12.5mm	30K6596	0.73
● 227TTA100M	220µF	±20%	1.005ohm	12.5mm	25mm	30K6687	1.92
● 337TTA100M	330µF	±20%	1.005ohm	12.5mm	30mm	30K6726	1.15
● 108TTA100M	1000µF	±20%	0.332ohm	18mm	40mm	30K6614	4.42
● 228TTA100M	2200µF	±20%	0.181ohm	25mm	50mm	17M8379	6.80

160 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 336TTA160M	33µF	±20%	10.048ohm	12.5mm	25mm	30K6718	1.70
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250 V, 2000 hours @ 85°C, -40 °C to 85 °C

● 106TTA250M	10µF	±20%	33.157ohm	10mm	20mm	30K6597	1.24
● 226TTA250M	22µF	±20%	15.072ohm	12.5mm	25mm	30K6679	1.14
● 476TTA250M	47µF	±20%	7.055ohm	16mm	30mm	30K6762	1.61
● 227TTA250M	220µF	±20%	1.507ohm	22mm	40mm	30K6688	6.23

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TTA SERIES 85°C STANDARD AXIAL ALUMINUM ELECTROLYTIC CAPACITORS (CONT.)

Mfg. Part No.	Cap.	Tol.	ESR	Dia.	Height	Stock No.	Price Each 1-24+
350 V, 2000 hours @ 85°C, -40 °C to 85 °C							
● 105TTA350M	1µF	±20%	331.573ohm	6.3mm	16mm	30K6587	0.82
● 475TTA350M	4.7µF	±20%	70.547ohm	8mm	20mm	30K6759	0.48
● 476TTA350M	47µF	±20%	7.055ohm	16mm	40mm	30K6763	4.27
● 107TTA350M	100µF	±20%	3.316ohm	18mm	40mm	30K6602	5.19

450 V, 2000 hours @ 85°C, -25 °C to 85 °C

● 105TTA450M	1µF	±20%	414.66ohm	8mm	16mm	30K6588	0.98
● 225TTA450M	2.2µF	±20%	188.394ohm	10mm	20mm	30K6676	1.21
● 106TTA450M	10µF	±20%	41.447ohm	12.5mm	25mm	30K6598	2.28
● 226TTA450M	22µF	±20%	18.839ohm	16mm	30mm	30K6680	3.16
● 336TTA450M	33µF	±20%	12.56ohm	16mm	40mm	30K6720	4.24
● 107TTA450M	100µF	±20%	4.145ohm	22mm	50mm	30K6603	7.99

PIM_84772

36DX SERIES POWERLYTIC® ALUMINUM ELECTROLYTIC CAPACITORS

Features:

- Improved Version of Sprague 36D Series with Up to 50% More Capacitance
- Designed for Operating Life in Excess of 10 Years
- Outer Plastic Film Insulation, Low Screw-Insert Terminals
- Mounting Brackets sold separately, go online or call.

Specifications:

- Operating Temp: -40°C to +85°C
- Pressure Safety Vent
- Tolerance: 10 to 100 VDC: -10%, +75%; 200 to 450 VDC: -10%, +50%



VISHAY



Mfg. Part No.	Cap.	Dia.	Height	Stock No.	Price Each 1-4+
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25 V, 85 °C, +75%, -10%

● 36DX133G025AC2A	13000µF	35mm	105mm	20M7092	26.43
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30 V, 85 °C, +75%, -10%

● 36DX402G030AA2A	4000µF	35mm	54mm	17M8412	26.58
● 36DX263G030BC2A	26000µF	51mm	105mm	17M8403	23.60

40 V, 85 °C, +75%, -10%

● 36DX292G040AA2A	2900µF	35mm	54mm	66C7675	21.46
● 36DX582G040AB2A	5800µF	35mm	79mm	17M8422	---
● 36DX343G040CC2A	34000µF	64mm	105mm	17M8408	67.68
● 36DX763G040DF2A	76000µF	76mm	143mm	17M8425	93.17

50 V, 85 °C, +75%, -10%

● 36DX482G050AB2A	4800µF	35mm	79mm	47F2062	38.84
● 36DX722G050AC2A	7200µF	35mm	105mm	17M8423	34.14
● 36DX163G050BC2A	16000µF	51mm	105mm	17M8394	46.72
● 36DX243G050BF2A	24000µF	51mm	143mm	17M8401	28.04
● 36DX403G050CF2A	40000µF	64mm	143mm	17M8413	54.32
● 36DX413G050DC2A	41000µF	76mm	105mm	17M8414	82.51

75 V, 85 °C, +75%, -10%

● 36DX142G075AA2A	1400µF	35mm	54mm	17M8391	---
● 36DX282G075AB2A	2800µF	35mm	79mm	17M8404	---
● 36DX422G075AC2A	4200µF	35mm	105mm	17M8416	23.79
● 36DX103G075BC2A	10000µF	51mm	105mm	17M8388	70.86
● 36DX173G075CC2A	17000µF	64mm	105mm	17M8395	85.26

200 V, 85 °C, +50%, -10%

● 36DX851F200AC2A	850µF	35mm	105mm	27F501	17.04
● 36DX202F200BC2A	2000µF	51mm	105mm	17M8397	---
● 36DX282F200BC2A	2800µF	51mm	105mm	21M5210	59.38
● 36DX342F200CC2A	3400µF	64mm	105mm	17M8407	71.95

250 V, 85 °C, +50%, -10%

● 36DX501F250AB2A	500µF	35mm	79mm	17M8417	27.28
● 36DX122F250BB2A	1200µF	51mm	79mm	20M7091	68.44
● 36DX292F250CC2A	2900µF	64mm	105mm	27F478	37.78
● 36DX422F250CF2A	4200µF	64mm	143mm	17M8415	94.68

350 V, 85 °C, +50%, -10%

● 36DX372F350DF2A	3700µF	76mm	143mm	20M1925	60.99
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450 V, 85 °C, +50%, -10%

● 36DX231F450AC2A	230µF	35mm	105mm	26M8374	32.10
● 36DX381F450BB2A	380µF	51mm	79mm	17M8411	---
● 36DX541F450BC2A	540µF	51mm	105mm	17M8421	58.59
● 36DX202F450DF2A	2000µF	76mm	143mm	17M8398	126.06
● 36DX352F450DJ2A	3500µF	76mm	219mm	17M8409	158.71

PIM_7094