TXK

Aluminum Electrolytic Capacitors

+105°C Long Life, Radial Lead

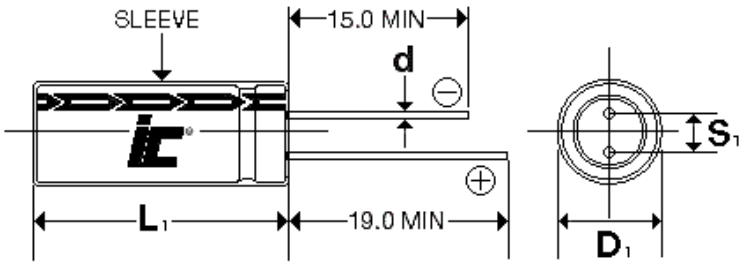
FEATURES	High Temperature - High Voltage – Long Life
APPLICATIONS	Switching Power Supplies – Electronic Ballasts

Operating Temperature Range		**-25°C to +105°C**						
Capacitance Tolerance		±20% at 120 Hz, 20°C						
Surge voltage	**WVDC**	**160**	**200**	**250**	**350**	**400**	**450**	
	SVDC	**200**	**250**	**300**	**400**	**450**	**500**	
Dissipation Factor	**WVDC**	**160**	**200**	**250**	**350**	**400**	**450**	
	tan δ	.15	.15	.15	.2	.2	.2	
Leakage current		.02CV+25uA						
		2 Minutes						

Low temperature stability Impedance ratio (120 Hz)	**Rated WVDC**	**160**	**200**	**250**	**350**	**400**	**450**
	-25°C to +20°C	3	3	4	6	6	7

Load Life	**5000 hours at 105°C with rated voltage and ripple current applied**	
	Capacitance change	≤20% of initial measured value
	Dissipation factor	≤200% of maximum specified value
	Leakage current	≤100% of maximum specified value
Shelf Life	**1000 hours at 105°C with no voltage applied**	
	Capacitance change	≤20% of initial measured value
	Dissipation factor	≤200% of maximum specified value
	Leakage current	≤100% of maximum specified value

Ripple Current Multipliers	**Frequency (Hz)**				
	WVDC	**120**	**1k**	**10k**	**100k**
	≤100	1	1.75	2.25	2.5
	>100	1	1.67	2.05	2.25



Lead Spacing VS. Case Diameter

D	10	12.5	16	18
S	5.0	5.0	7.5	7.5
d	0.6	0.6	0.8	0.8
B	1.5	1.5	1.5	1.5

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TXK

+105°C, High Voltage Low Impedance Long Life, 5000 hours

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 kHz, +105°C	Dims DxL (mm)
160	10	106TXK160MGU	24.868	122	10x12.5
160	22	226TXK160MGBW	11.304	202	10x16
160	33	336TXK160M	7.536	275	10x20
160	47	476TXK160M	5.291	350	12.5x20
160	68	686TXK160M	3.657	475	12.5x25
160	100	107TXK160M	2.487	645	16x25
160	150	157TXK160M	1.658	840	16x31.5
160	220	227TXK160MKAD	1.1304	1000	16x35
200	22	226TXK200M	11.304	350	10x20
200	33	336TXK200M	7.536	315	12.5x20
200	47	476TXK200M	5.291	175	12.5x20
200	68	686TXK200M	3.657	475	12.5x25
200	68	686TXK200MKJG	3.657	490	16x20
200	100	107TXK200M	2.487	650	16x25
200	150	157TXK200M	1.658	850	16x31.5
200	220	227TXK200M	1.1304	1050	18x35.5
250	6.8	685TXK250MFBC	36.5705	93	8x14
250	8.2	825TXK250MFBW	30.3267	113	8x16
250	22	226TXK250MGJG	11.304	225	10x20
250	33	336TXK250MTJG	7.536	315	12.5x20
250	47	476TXK250M	5.291	385	12.5x25
250	68	686TXK250M	3.657	540	16x25
250	100	107TXK250M	2.487	710	16x31.5
250	150	157TXK250MKAD	1.658	900	16x35
250	220	227TXK250M	1.1304	1120	18x40
350	4.7	475TXK350MFH	70.5474	75	8x11.5
350	6.8	685TXK350MFBW	48.7607	102	8x16
350	10	106TXK350M	33.1573	220	10x20
350	15	156TXK350MGJG	22.1049	182	10x20
350	22	226TXK350M	15.0715	240	12.5x20
350	47	476TXK350M	7.0547	440	16x25
350	68	686TXK350M	4.8761	580	16x31.5

WVDC	Capacitance (µF)	IC PART NUMBER	Maximum ESR (Ω) 120 Hz, +20°C	Maximum RMS Ripple Current (mA) 120 kHz, +105°C	Dims DxL (mm)
350	82	826TXK350MKAD	4.0436	680	16x35
350	100	107TXK350M	3.3157	780	18x35.5
350	120	127TXK350MLAD	2.7631	850	18x35
350	150	157TXK350MLCG	2.2105	1000	18x40
400	3.3	335TXK400MFH	100.477	62	8x11.5
400	10	106TXK400MGBW	33.1573	135	10x16
400	10	106TXK400M	33.1573	130	10x20
400	22	226TXK400MTJG	15.0715	240	12.5x20
400	33	336TXK400MKJG	10.0477	343	16x20
400	47	476TXK400M	7.0547	442	16x25
400	68	686TXK400MKAD	4.8761	620	16x35
400	82	826TXK400MKCG	4.0436	690	16x40
400	100	107TXK400M	3.3157	780	18x35.5
400	120	127TXK400MLCG	2.7631	900	18x40
400	150	157TXK400MLCD	2.2105	1050	18x45
450	2.2	225TXK450MFH	150.715	45	8x11.5
450	3.3	335TXK450MFBC	100.477	62	8x14
450	4.7	475TXK450MFBW	70.5474	85	8x16
450	6.8	685TXK450MGBW	48.7607	110	10x16
450	10	106TXK450MGJG	33.1573	130	10x20
450	10	106TXK450M	33.1573	120	13x26
450	15	156TXK450MTJG	22.1049	195	12.5x20
450	22	226TXK450MTJD	15.0715	241	12.5x25
450	33	336TXK450MKJD	10.0477	340	16x25
450	47	476TXK450MKAG	7.0547	440	16x30
450	68	686TXK450MKCG	4.8761	610	16x40
450	82	826TXK450MLAD	4.0436	670	18x35
450	100	107TXK450MLCG	3.3157	780	18x40
450	120	127TXK450MLCD	2.7631	900	18x45
450	150	157TXK450MLCG	2.2105	1050	18x40
450	150	157TXK450MNCG	2.2105	1050	22x40

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