



STAN	DARD 1 pps	DESIGNS —	- At Rated Volta	ge, 25°C
MODEL Number	CAP (uF) +/- 10%	MAX. OPERATING VOLT (kV)	DESIGN LIFE 90% SURVIVAL (AT RATED VOLT AND 20%VR))
31150	.5	30	1×10 ⁵	
31151	.6	30	1×10 ⁵	
31152	2.4	30	1x10 ⁵	
31158	1.0	40	1×10 ⁵	
31432	1.8	40	3x104	
31759	.15	50	1x10 ⁵	
31160	.22	50	1x10 ⁵	
31433	.25	50	3x104	
31161	.7	50	1x10 ⁵	
31434	1.1	50	3x104	
31436	.66	65	3x104	043
31162	.06	75 †	1x10 ⁵	طائد .
31164	.33	75 †	1x10 ⁵	9:10 18 b
31438	.44	75 †	3x10 ⁴ (ナ''
31392	.8	75 †	3x104	QIP
31165	.04	100 †	3x104	
31445	.06	100 †	3x104	
31190	.08	100 †	3x104	
31235	.3	100 †	3x104	
31427	.4	100 †	3x104	

HIGH RE	PETITION	RATE DESI	GNS TO 1,000 p	
MODEL Number	CAP (uF) +/- 10%	MAX. OPERATING VOLT (kV)	DESIGN LIFE 90% SURVIVAL (AT RATED VOLT AND 20%VR)	
37319	.2	20	2x108	_
37320	.24	20	2x108	
37321	.06	30	2x10 ⁸	
37322	.22	30	1x10 ⁸	
37323	.3	30	1x10 ⁸	
37324	.02	40	1x10 ⁹	
37325	.03	40	5x10 ⁸	
37326	.05	40	2x108	
37327	.1	40	1x108	
37328	.16	40	1x108	
37329	.06	50	1×108	
37330	.1	50	1x108	
37331	.15	50	8x10 ⁷	
37332	.04	60	1x108	
37333	.07	60	1x108	
37334	.1	60	8x107	
37335	.08	70	8×10 ⁷	
37336	.06	80 †	8x10 ⁷	

OPERATING ENVIRONMENT

† Dielectric gas @ 14 PSIA min. or oil Up to 75 kV — Lab air at sea level Operating position — upright or horizontal

SINGLE-ENDED PLASTIC CASE CAPACITORS

ınd < 20% VR

•	PEAK CURRENT★ (AT 20% VR) (KA)	RMS CURRENT★★ (AT 20% VR) (AMPS)	OPERATING TEMPERATURE RANGE (°C)	APPROX. Inductance (nH)	CASE INCHES	SIZE MILLIMETERS	APPRO) LBS.	K. WEIGHT Kg.	OUTLINE DETAIL
25	25	-10 to +40	17-25	2.3x5.9x9.8	58x150x248	6.0	2.7	А	
	25	25	-10 to +40	17-25	2.3x5.9x11.8	58x150x299	7.5	3.4	Α
	25	25	-10 to +40	17-25	2.3x5.9x27.8	58x150x705	18.5	8.4	Α
	25	25	-10 to +40	17-25	2.3x5.9x27.8	58×150×705	18.5	8.4	Α
	50	25	-10 to +40	40-60	4.0x6.0x29.0	102×153×737	33.0	15.0	С
	25	25	-10 to +40	17-25	2.3x5.9x9.8	58×150×248	6.0	2.7	Α
	25	25	-10 to +40	17-25	2.3x5.9x11.8	58x150x299	7.5	3.4	Α
	50	25	-10 to +40	40-60	4.0x6.0x11.0	102x153x280	10.0	4.5	С
	25	25	-10 to +40	17-25	2.3x5.9x27.8	58x150x705	18.5	8.4	Α
	25	25	-10 to +40	40-60	4.0x6.0x29.0	102×153×737	33.0	15.0	С
	25	25	-10 to +40	40-60	4.0x6.0x29.0	102×153×737	33.0	15.0	С
0	25	25	-10 to +40	17-25	2.3x5.9x10.8	58x150x274	6.5	3.0	В
	25	25	-10 to +40	17-25	2.3x5.9x28.8	58x150x731	19.0	8.6	В.
	50	25	-10 to +40	40-60	4.0x6.0x29.0	102×153×737	33.0	15.0	С
	25	25	-10 to +40	40-60	4.0x6.0x29.0	102×153×737	33.0	15.0	C
	25	25	-10 to +40	17-25	2.3x5.9x10.8	58x150x274	6.5	3.0	В
	25	25 25	-10 to +40	40-60	4.0x6.0x11.0	102×153×280	10.0	4.5	Č
	25	25 25	-10 to +40	17-25	2.3x5.9x12.8	58×150×324	8.0	3.6	В
	25	25	-10 to +40	17-25	2.3x5.9x28.8	58x150x731	19.0	8.6	В
÷	35	25 25	-10 to +40	40-60		102×153×737	33.0	15.0	C
		25	-10 (0 +40	40-60	4.0x6.0x29.0	10221032737	33,0	13.0	
? GREAT	TER — At Rated V	/oltage, 25°C and	< 20% VR**>	*					
į	PEAK CURRENT★ (AT 20% VR) (KA)	RMS CURRENT★★ (AT 20% VR) (AMPS)	OPERATING Temperature Range (°C)	APPROX. Inductance (nH)	CASE Inches	SIZE MILLIMETERS	APPROX LBS.	K. WEIGHT Kg.	OUTLINE DETAIL
	(AT 20% VR)	(AT 20% VR)	TEMPERATURE	INDUCTANCE					
	(AT 20% VR)	(AT 20% VR)	TEMPERATURE	INDUCTANCE					
	(AT 20% VR) (KA)	(AT 20% VR) (AMPS)	TEMPERATURE Range (°C)	INDUCTANCE (nH)	INCHES	MILLIMETERS	LBS.	KG.	DETAIL
	(AT 20% VR) (KA) 50	(AT 20% VR) (AMPS)	TEMPERATURE RANGE (°C) -30 to +65	INDUCTANCE (nH)	2.3×5.9×8.5	MILLIMETERS 58×150×216	LBS. 5.0	KG.	DETAIL
	(AT 20% VR) (KA) 50 50	(AT 20% VR) (AMPS) 25 30	TEMPERATURE RANGE (°C) -30 to +65 -30 to +65	INDUCTANCE (nH) 15	2.3×5.9×8.5 2.3×5.9×9.8	58x150x216 58x150x249	5.0 6.0	KG. 2.3 2.7	DETAIL
	(AT 20% VR) (KA) 50 50	(AT 20% VR) (AMPS) 25 30 25	TEMPERATURE RANGE (°C) -30 to +65 -30 to +65 -30 to +65	1NDUCTANCE (nH) 15 15	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8	58x150x216 58x150x249 58x150x216	5.0 6.0 5.0	2.3 2.7 2.3	DETAIL A A
	(AT 20% VR) (KA) 50 50 50 50	(AT 20% VR) (AMPS) 25 30 25 35	-30 to +65 -30 to +65 -30 to +65 -30 to +65 -30 to +65	15 15 15 15	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x8.5 2.3x5.9x14.5	58x150x216 58x150x249 58x150x216 58x150x368 58x150x470	5.0 6.0 5.0 9.0	2.3 2.7 2.3 4.1 5.2	A A A A A
	50 50 50 50 50 50 50	25 30 25 35 45	-30 to +65 -30 to +65 -30 to +65 -30 to +65 -30 to +65 -30 to +65 -30 to +65	15 15 15 15 15 15	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x8.5 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8	58x150x216 58x150x249 58x150x216 58x150x368	5.0 6.0 5.0 9.0 11.5	2.3 2.7 2.3 4.1 5.2 2.7	A A A A A A A
	50 50 50 50 50 50 50 50	25 30 25 35 45 30 30	-30 to +65	15 15 15 15 15 15 15 15	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x8.5 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8	58x150x216 58x150x249 58x150x216 58x150x368 58x150x470 58x150x249 58x150x249	5.0 6.0 5.0 9.0 11.5 6.0 6.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7	A A A A A A A A
	50 50 50 50 50 50 50 50 50	25 30 25 35 45 30 30 30	-30 to +65	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x8.5 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8	58x150x216 58x150x249 58x150x249 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249	5.0 6.0 5.0 9.0 11.5 6.0 6.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7	A A A A A A A A A A A
	50 50 50 50 50 50 50 50	25 30 25 35 45 30 30	-30 to +65	15 15 15 15 15 15 15 15	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x8.5 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8	58x150x216 58x150x249 58x150x216 58x150x368 58x150x470 58x150x249 58x150x249	5.0 6.0 5.0 9.0 11.5 6.0 6.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7	A A A A A A A A
	50 50 50 50 50 50 50 50 50 50 50	25 30 25 35 45 30 30 30 30 30 35 45	-30 to +65	15 15 15 15 15 15 15 15 15 15	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5	58x150x216 58x150x249 58x150x249 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249 58x150x249 58x150x249 58x150x249 58x150x368 58x150x470	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0 11.5	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2	A A A A A A A A A A
	50 50 50 50 50 50 50 50 50 50 50	25 30 25 35 45 30 30 30 30 30 35 45	-30 to +65	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5	58x150x216 58x150x249 58x150x246 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249 58x150x249 58x150x368 58x150x368	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2	A A A A A A A A A A A A A A A A A A A
	50 50 50 50 50 50 50 50 50 50 50	25 30 25 35 45 30 30 30 30 30 35 45	-30 to +65	15 15 15 15 15 15 15 15 15 15	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5	58x150x216 58x150x249 58x150x249 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249 58x150x249 58x150x249 58x150x249 58x150x368 58x150x470	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0 11.5	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2	A A A A A A A A A A
	50 50 50 50 50 50 50 50 50 50 50 50 50	25 30 25 35 45 30 30 30 30 30 35 45 45	-30 to +65	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x17.5	58x150x216 58x150x249 58x150x249 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249 58x150x249 58x150x368 58x150x470 58x150x368 58x150x495 58x150x699	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0 11.5 9.0 12.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2 4.1 5.4 7.7	A A A A A A B B
	50 50 50 50 50 50 50 50 50 50 50 50 50	25 30 25 35 45 30 30 30 30 30 35 45 35 45	-30 to +65	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x15.5 2.3x5.9x15.5	58x150x216 58x150x249 58x150x246 58x150x216 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249 58x150x368 58x150x470 58x150x470 58x150x495 58x150x699 58x150x394	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0 11.5 9.0 12.0 17.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2 4.1 5.4 7.7	A A A A A A B B B
	50 50 50 50 50 50 50 50 50 50 50 50 50	25 30 25 35 45 30 30 30 30 30 35 45 45	-30 to +65	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x17.5	58x150x216 58x150x249 58x150x249 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249 58x150x249 58x150x368 58x150x470 58x150x368 58x150x495 58x150x699	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0 11.5 9.0 12.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2 4.1 5.4 7.7	A A A A A A B B
(.)	50 50 50 50 50 50 50 50 50 50 50 50 50 5	25 30 25 35 45 30 30 30 30 30 35 45 45 50	-30 to +65	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x15.5 2.3x5.9x15.5 2.3x5.9x27.5	58x150x216 58x150x249 58x150x246 58x150x216 58x150x368 58x150x470 58x150x249 58x150x249 58x150x249 58x150x368 58x150x470 58x150x495 58x150x495 58x150x495 58x150x495 58x150x495 58x150x495 58x150x495 58x150x495 58x150x495	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0 11.5 9.0 12.0 17.0 9.5 12.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2 4.1 5.4 7.7 4.3 5.4 7.7	A A A A A A B B B B B
	50 50 50 50 50 50 50 50 50 50 50 50 50 5	25 30 25 35 45 30 30 30 30 30 35 45 35 45 35	-30 to +65	15 15 15 15 15 15 15 15 15 15 15 15 15 1	2.3x5.9x8.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x18.5 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x9.8 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x14.5 2.3x5.9x15.5 2.3x5.9x15.5 2.3x5.9x19.5 2.3x5.9x15.5 2.3x5.9x15.5 2.3x5.9x15.5 2.3x5.9x15.5	58x150x216 58x150x249 58x150x246 58x150x268 58x150x470 58x150x249 58x150x249 58x150x249 58x150x249 58x150x368 58x150x470 58x150x470 58x150x495 58x150x495 58x150x394 58x150x495	5.0 6.0 5.0 9.0 11.5 6.0 6.0 9.0 11.5 9.0 12.0 17.0	2.3 2.7 2.3 4.1 5.2 2.7 2.7 2.7 4.1 5.2 4.1 5.4 7.7 4.3 5.4	A A A A A A B B B B B

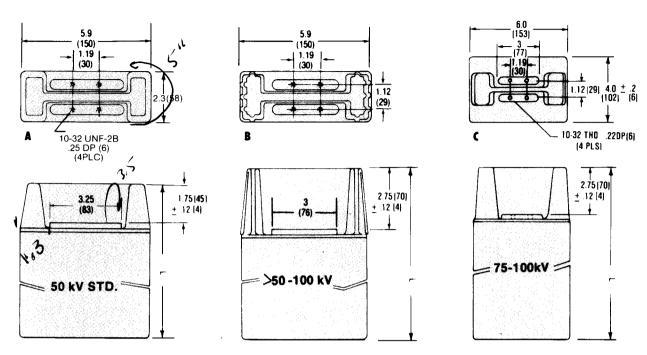
^{*} Single discharge peak current up to rating given in table.

NOTES: Pulse capacitors are not intended for extended D.C. service ■ Design life is given in charge/discharge cycles with 90% survivability at < 20% voltage reversal, maximum voltage and peak/RMS current ratings given in the tables ■ See graphs for life rating curves ■ For storage and operating temperatures exceeding the given values, consult Maxwell • For repetition rate operation in environments exceeding 25° C, consult Maxwell • Specifications are subject to change without notice.

^{**} Maximum RMS current rating up to value given in table.

^{***}Maximum repetition rates are a function of operating voltage, voltage reversal and RMS current.

PLASTIC CASE CAPACITORS



Dimensions apply to model numbers in this brochure only. For custom designs, consult Maxwell.

