

Type 211D Wet Tantalum Capacitor Array with Tantalum Cased Tantalum Internal Components for -55 °C to +125 °C Operation



FEATURES

- · Assembly of tantalum case capacitors
- Terminations isolated from case
- 12 case codes
- 3 V reverse capability

APPLICATIONS

- Military
- Industrial

PERFORMANCE CHARACTERISTICS

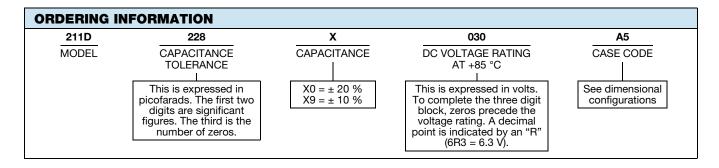
Operating Temperature: -55 °C to +125 °C Capacitance Tolerance: at 120 Hz, +25 °C, ± 20 % standard, ± 10 % available

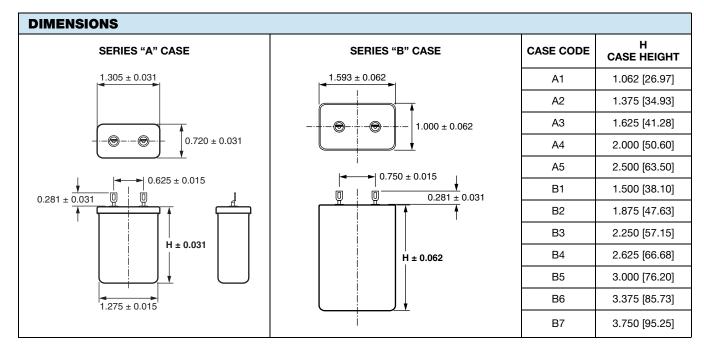
DC Leakage Current (DCL maximum):

at +25 °C: leakage current shall not exceed the values listed in the Standard Ratings table.

Life Test: capacitors shall withstand 2000 h at a temperature of +85 °C or +125 °C at the rated DC working voltage. Following the life test:

- 1. DCL shall not exceed the original requirement
- 2. ESR shall not exceed the original requirement
- 3. Capacitance shall not change more than \pm 10 %





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10 V	30 V	50 V	75 V	100 V	125 V	150 V
						A2
			A2			
					A5	
			A3			
			A4			
				A5		
						В3
			A5			
		A4				
			B2			
		A5				
			В3		B5	
	A2			B3		
	A4					
					B7	
				B7		
	A5 / B1					
		B5				
			B7			
B1						
		B6				
		B7				
B3						
B5						
	В3	A4 A5 / B1 B1 B3 B5	A5 A2 A4 A4 A5/B1 B5 B1 B6 B7 B3 B5	A4 A5 A3 A4 A4 A5 A4 A5 A4 A4 A5 A5 A8	A4 A5 A5 A3 A4 A4 A5	A4 A5



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CAPACITANCE (μF)	CASE CODE	PART NUMBER	MAXIMUM ESR AT +25 °C (Ω)	MAXIMUM IMPEDANCE AT -55 °C (Ω)	DCL AT +25 °C (μΑ)	DCL AT +85 °C / +125 °C (μΑ)	MAXIMUM RMS RIPPLE 40 kHz (A)
		10 \	V _{DC} AT +85 °C; 6	6.7 V _{DC} AT +125 °C			
4500	B1	211D458X0010B1	0.150	3.8	24	96	11
7500	В3	211D758X0010B3	0.090	2.3	40	160	19
10 000	B5	211D109X0010B5	0.063	1.64	56	224	26
14 000	В7	211D149X0010B7	0.049	1.28	72	288	34
		30	V _{DC} AT +85 °C;	20 V _{DC} AT +125 °C	;		
1200	A2	211D128X0030A2	0.31	3.9	21	63	7.8
1300	A4	211D138X0030A4	0.42	6.0	18	96	5.8
1800	A5	211D188X0030A5	0.45	6.3	32	128	4.8
1800	B1	211D188X0030B1	0.23	4.2	48	192	9.4
		50	V _{DC} AT +85 °C;	35 V _{DC} AT +125 °C	;		
700	A4	211D707X0050A4	0.23	8.2	24	144	5.8
1000	A5	211D108X0050A5	0.51	7.3	27	108	4.6
3300	B5	211D338X0050B5	0.150	2.2	90	360	15
5200	В6	211D528X0050B6	0.096	1.38	144	576	24
5900	В7	211D598X0050B7	0.085	1.22	162	648	27
		75	V _{DC} AT +85 °C;	50 V _{DC} AT +125 °C	;		
120	A2	211D127X0075A2	0.99	20	6	36	3.0
200	A4	211D207X0075A4	0.67	15.0	6	60	2.4
220	A5	211D227X0075A5	0.49	10.0	12	72	6.0
400	A3	211D407X0075A3	0.50	13.0	20	120	4.0
480	A4	211D487X0075A4	0.41	10.5	24	144	4.8
660	A5	211D667X0075A5	0.60	8.0	30	120	4.3
880	B2	211D887X0075B2	0.180	3.6	72	288	12
1100	В3	211D118X0075B3	0.150	2.9	90	360	15
4000	В7	211D408X0075B7	0.100	1.33	180	720	26
		100	V _{DC} AT +85 °C;	70 V _{DC} AT +125 °	С		
540	A5	211D547X0100A5	0.25	5.7	70	336	15
1200	В3	211D128X0100B3	0.28	3.0	120	480	16
1600	В7	211D168X0100B7	0.085	1.66	162	648	26
		125	V _{DC} AT +85 °C;	80 V _{DC} AT +125 °	С		
380	A5	211D387X0125A5	0.25	6.4	70	336	13
1100	B5	211D118X0125B5	0.20	2.3	168	672	21
1400	B7	211D148X0125B7	0.160	1.78	216	864	27
		150	V _{DC} AT +85 °C;	100 V _{DC} AT +125 °	°C		
70	A2	211D706X0150A2	1.90	45	4	40	2.9
550	В3	211D118X0150B3	0.32	4.8	50	200	7

Note

• Other ratings are available. Contact factory with your specific requirements



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