

ALUMINUM ELECTROLYTIC CAPACITOR

105°C, FOR ELECTRONIC BALLAST, POWER SUPPLY, LONG LIFE

TS13 CD264

◆ STANDARD RATINGS

Unless otherwise specified, all electrical values in table 1 apply at $T_{amb} + 25^{\circ}\text{C}$,

SYMBOL	DESCRIPTION
Cap	Rated capacitance at 100Hz, tolerance $\pm 20\%$
I_R	Rated RMS ripple current at 100Hz, 105°C
ESR	Equivalent series resistance at 100Hz (calculated from $\tan^{\delta}_{max}$ and C_R)
Z	Max. impedance at 10KHz

◆ Table 1

WV(V) / Cap(uF)	160				200				250			
	Case	Z	ESR	I_R	Case	Z	ESR	I_R	Case	Z	ESR	I_R
	□DXL (mm)	Ω	Ω	mA	□DXL (mm)	Ω	Ω	mA	□DXL (mm)	Ω	Ω	mA
4.7					10x12.5	13.0	41	60	10x12.5	13.0	41	60
10	10x16	6.3	19	95	10x16	6.3	19	95	10x20	6.3	19	105
22	10x20	3.2	9	145	10x20	3.2	9	145	125x25	3.2	9	180
	--				--				16x20			
33	125x20	2.3	6	190	125x20	2.3	6	190	125x25	2.3	6	250
	--				--				16x20			
47	125x25	1.7	4	280	125x25	1.7	4	280	16x25	1.7	4	300
	16x20				16x20				18x20			
100	10x25	1.1	2	380	16x31.5	1.1	2	410	16x31.5	1.1	2	410
	18x20				18x25				18x25			
220	18x35.5	0.8	0.9	630								

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◆ Table 2

WV(V) / Cap(μF)	350				400				450			
	Case	Z	ESR	I _R	Case	Z	ESR	I _R	Case	Z	ESR	I _R
	□DXL (mm)	Ω	Ω	mA	□DXL (mm)	Ω	Ω	mA	□DXL (mm)	Ω	Ω	mA
1.0									10x12.5	94	318	30
2.2					10x12.5	33	109	40	10x16	43	145	45
3.3	10x12.5	22	72	50	10x16	22	72	50	10x20	29	96	65
4.7	10x16	16	51	65	10x20	16	51	70	125x20	20	68	80
10	125x20	7.6	24	120	12.5x20	7.6	24	120	16x20	10	32	140
22	125x25	3.8	11	180	16x25	3.8	11	200	16x31.5	4.6	14	220
	16x20				18x20				18x25			
33	16x25	2.6	7	210	16x31.5	2.6	7	245	18x35.5	3.4	10	280
	--				18x25				--			
47	16x35.5	2.0	5	300	18x31.5	2.0	5	300				
	18x31.5				--							

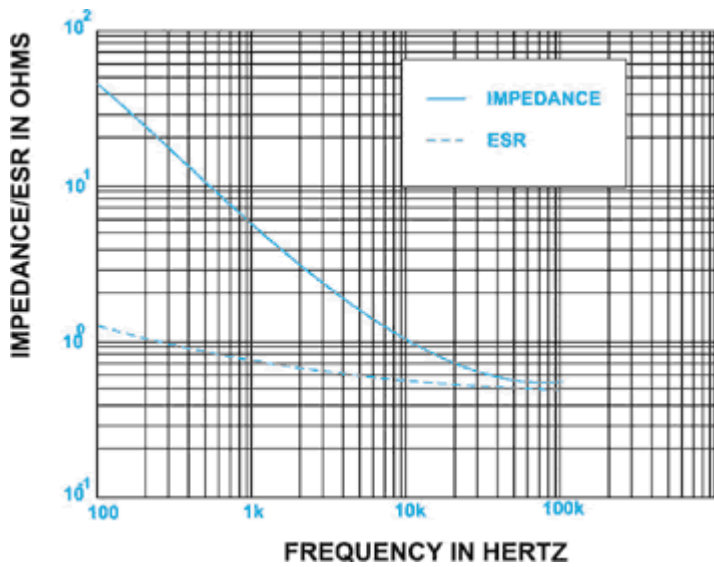
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TYPICAL CURVES

CD264 450V33 18X35.5



CD264 200V47 12.5X25

