

TYPE 202

Epoxy resin coating

⚠ CAUTIONS

- This capacitor is polarized, do not apply reverse voltage.
- The sum of peak value of AC and DC voltage should not exceed the rated voltage.
- This catalog is designed for providing general information. Please inquire of our Sales Department to confirm specifications prior to use.

CHARACTERISTICS

ITEM	CHARACTERISTICS
Failure rate level	2%/1000h(Code L)
Operating temperature range	-55~+85°C
Rated voltage	3.15-6.3-10-16-25-35VDC
Capacitance range	0.1~100μF
Capacitance tolerance	±10%

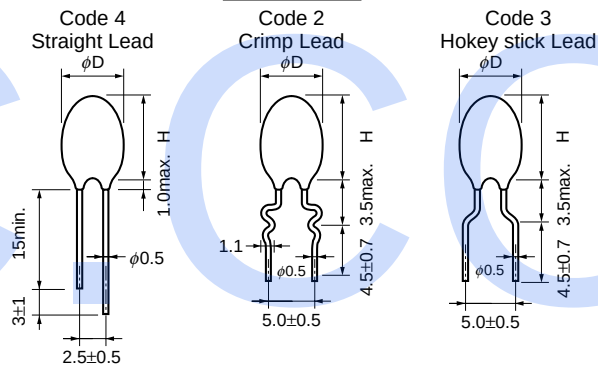
DIMENSIONS

mm

FEATURES

1. Miniature size.
2. Low leakage current and high stability.
3. Flame retardant resin coating conforms to UL 1414, Par. 4.
4. Packaging (Reel and Ammo) is available for automatic insertion.
5. Available for capacitance tolerance code "J"(±5%).

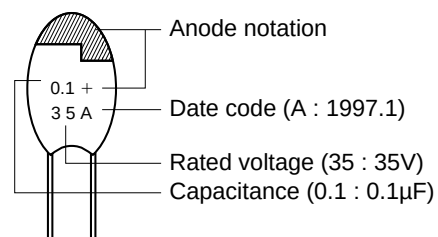
LEAD STYLE



CASE SIZE

Case code	D max.	H max.
1	3.6	6.0
2	3.8	6.5
3	4.0	7.0
4	4.8	7.5
5	5.0	8.0
6	5.5	8.5
7	5.5	9.5

MARKING



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■ STANDARD RATINGS

R.V.(VDC) Cap.(μF)	3.15	6.3	10	16	20	25	35
0.1							1
0.15							1
0.22							1
0.33							1
0.47							1
0.68							1
1.0							1
1.5						1	2
2.2					1	2	3
3.3				1	2	3	4
4.7			1	2	3	4	5
6.8		1	2	3	4	5	6
10	1	2	3	4	5	6	7
15	2	3	4	5	6	7	
22	3	4	5	6	7		
33	4	5	6	7			
47	5	6	7				
68	6	7					
100	7						

RATINGS AND CATALOG NUMBERS

	Catalog number	cap. (μF)	case code	Max DC Lct. (μA)		Max Dissipation factor		
				20°C	85°C	-55°C	20°C	85°C
Rated voltage 3.15VDC/Surge voltage 4VDC	202 L 3151 106K ☐	10	1	0.5	5	0.11	0.08	0.08
	202 L 3151 156K ☐	15	2	0.5	5	0.11	0.08	0.08
	202 L 3151 226K ☐	22	3	0.7	7	0.11	0.08	0.08
	202 L 3151 336K ☐	33	4	1.0	10	0.11	0.08	0.08
	202 L 3151 476K ☐	47	5	1.5	15	0.11	0.08	0.08
	202 L 3151 686K ☐	68	6	2.1	21	0.11	0.08	0.08
	202 L 3151 107K ☐	100	7	3.2	32	0.12	0.10	0.10
Rated voltage 6.3VDC/Surge voltage 8VDC	202 L 6301 685K ☐	6.8	1	0.5	5	0.11	0.08	0.08
	202 L 6301 106K ☐	10	2	0.6	6	0.11	0.08	0.08
	202 L 6301 156K ☐	15	3	0.9	9	0.11	0.08	0.08
	202 L 6301 226K ☐	22	4	1.4	14	0.11	0.08	0.08
	202 L 6301 336K ☐	33	5	2.1	21	0.11	0.08	0.08
	202 L 6301 476K ☐	47	6	3.0	30	0.11	0.08	0.08
	202 L 6301 686K ☐	68	7	4.3	43	0.11	0.08	0.08
Rated voltage 10VDC/Surge voltage 13VDC	202 L 1002 475K ☐	4.7	1	0.5	5	0.08	0.06	0.06
	202 L 1002 685K ☐	6.8	2	0.7	7	0.11	0.08	0.08
	202 L 1002 106K ☐	10	3	1.0	10	0.11	0.08	0.08
	202 L 1002 156K ☐	15	4	1.5	15	0.11	0.08	0.08
	202 L 1002 226K ☐	22	5	2.2	22	0.11	0.08	0.08
	202 L 1002 336K ☐	33	6	3.3	33	0.11	0.08	0.08
	202 L 1002 476K ☐	47	7	4.7	47	0.11	0.08	0.08
Rated voltage 16VDC/Surge voltage 20VDC	202 L 1602 335K ☐	3.3	1	0.5	5	0.08	0.06	0.06
	202 L 1602 475K ☐	4.7	2	0.8	8	0.08	0.06	0.06
	202 L 1602 685K ☐	6.8	3	1.1	11	0.11	0.08	0.08
	202 L 1602 106K ☐	10	4	1.6	16	0.11	0.08	0.08
	202 L 1602 156K ☐	15	5	2.4	24	0.11	0.08	0.08
	202 L 1602 226K ☐	22	6	3.5	35	0.11	0.08	0.08
	202 L 1602 336K ☐	33	7	5.3	53	0.11	0.08	0.08

☐ : Lead style or packaging style code.



SOLID-ELECTROLYTE TANTALUM CAPACITORS

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RATINGS AND CATALOG NUMBERS

	Catalog number	cap. (μF)	case code	Max DC Lct. (μA)		Max Dissipation factor		
				20°C	85°C	-55°C	20°C	85°C
Rated voltage 20VDC/Surge voltage 25VDC	202 L 2002 225K □	2.2	1	0.5	5	0.08	0.06	0.06
	202 L 2002 335K □	3.3	2	0.7	7	0.08	0.06	0.06
	202 L 2002 475K □	4.7	3	0.9	9	0.08	0.06	0.06
	202 L 2002 685K □	6.8	4	1.4	14	0.11	0.08	0.08
	202 L 2002 106K □	10	5	2.0	20	0.11	0.08	0.08
	202 L 2002 156K □	15	6	3.0	30	0.11	0.08	0.08
	202 L 2002 226K □	22	7	4.4	44	0.11	0.08	0.08
Rated voltage 25VDC/Surge voltage 32VDC	202 L 2502 155K □	1.5	1	0.5	5	0.08	0.06	0.06
	202 L 2502 225K □	2.2	2	0.6	6	0.08	0.06	0.06
	202 L 2502 335K □	3.3	3	0.8	8	0.08	0.06	0.06
	202 L 2502 475K □	4.7	4	1.2	12	0.08	0.06	0.06
	202 L 2502 685K □	6.8	5	1.7	17	0.11	0.08	0.08
	202 L 2502 106K □	10	6	2.5	25	0.11	0.08	0.08
	202 L 2502 156K □	15	7	3.8	38	0.11	0.08	0.08
Rated voltage 35VDC/Surge voltage 44VDC	202 L 3502 104K □	0.1	1	0.5	5	0.05	0.04	0.04
	202 L 3502 154K □	0.15	1	0.5	5	0.05	0.04	0.04
	202 L 3502 224K □	0.22	1	0.5	5	0.05	0.04	0.04
	202 L 3502 334K □	0.33	1	0.5	5	0.05	0.04	0.04
	202 L 3502 474K □	0.47	1	0.5	5	0.05	0.04	0.04
	202 L 3502 684K □	0.68	1	0.5	5	0.05	0.04	0.04
	202 L 3502 105K □	1.0	1	0.5	5	0.05	0.04	0.04
	202 L 3502 155K □	1.5	2	0.5	5	0.08	0.06	0.06
	202 L 3502 225K □	2.2	3	0.8	8	0.08	0.06	0.06
	202 L 3502 335K □	3.3	4	1.2	12	0.08	0.06	0.06
	202 L 3502 475K □	4.7	5	1.6	16	0.08	0.06	0.06
	202 L 3502 685K □	6.8	6	2.4	24	0.11	0.08	0.08
	202 L 3502 106K □	10	7	3.5	35	0.11	0.08	0.08

□: Lead style or packaging style code.

