Tantalum Solid Electrolytic Capacitors

(TANCHIP®)

267P type

Resin mold tip type
for space system equipment

NCC

2023

⚠注意

- This capacitor is polarized. Do not apply reverse voltage.
- Do not apply a voltage exceeding the rated voltage (DC + ripple) to the capacitor.
- The contents of this catalog are subject to change without notice. Contact us and confirm the specifications before use.

The 267P type is a product that pursues a smaller shape and high reliability based on the accumulation of technology for chip tantalum capacitors over many years, and has excellent characteristics in solderability, moisture resistance, and mechanical strength.

Special Features

1. 3.2(L)×1.6(W) standard product size
2. Ideal structure for automatic mounting with SMT equipment
3. Dimensional accuracy and symmetry electrode construction suitable for high density mounting "self-alignment."
4. Solder heat resistance meets 260C for 10 seconds. It can handle both reflow and immersion

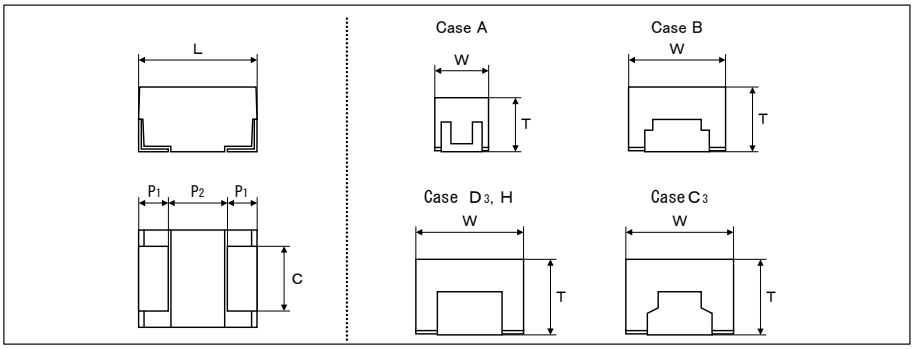
Before Using

Before use, please check the precautions before use.

Electrical Characteristics

Characteristics	Ratings
Temp Range:	−55～+125℃(85℃ Voltage derated if exceeded)
Voltage:	4－6－10－15－20－25－35－50VDC
Capacitance:	0.1～100μF
Tolerances:	±5%(J)、±10%(K)、±20%(M)

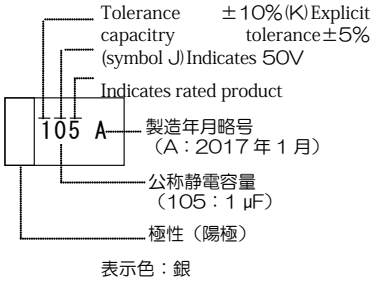
External Dimensions mm



Case Size	EIA Code	L±0.2	W±0.2	T±0.2	P_1±0.2	P_2 min.	C±0.1
A	3216	3.2	1.6	1.6	0.75	1.4	1.2
B	3528	3.5	2.8	1.9	0.8	1.5	2.2
C_3	6032	6.0	3.2	2.5	1.3	3.0	2.2
D_3	7343	7.3	4.4	2.8	1.3	4.0	2.4
H	7343H	7.3	4.4	4.1	1.3	4.0	2.4

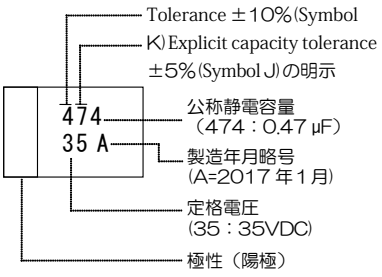
Table Show

(A Case)



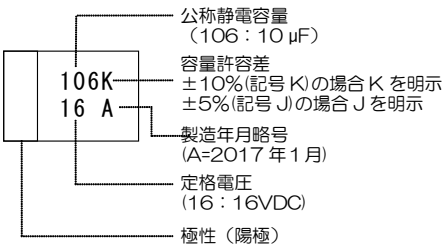
表示色：銀

(B Case)



表示色：銀

(C_3, D_3, H Cases)



表示色：銀

Solid Tantalum Electrolytic Capacitors

(TANCHIP® Space Qualifed CWS11)

267P Series

Resin Molded Type
for Space Applications

NCC

■ Case size by rated voltage and capacitance

R.V.(VDC) / Cap.(μF)	4	6	10	15	20	25	35	50
0.1							A	
0.15							A	
0.22							A	
0.33							A	B
0.47						A	B	
0.68					A		B	
1.0				A			B	C_3
1.5			A			B	C_3	
2.2		A			B		C_3	D_3
3.3	A			B		C_3	C_3	D_3
4.7			B		C_3		D_3	D_3
6.8		B		C_3		D_3	D_3	
10	B		C_3	C_3		D_3	D_3	
15		C_3	C_3		D_3	D_3		
22	C_3	C_3		D_3	D_3			
33	C_3		D_3	D_3				
47	D_3	D_3	D_3					
68	D_3	D_3	H					
100	D_3	D_3						
150								
220								

267P List of mold standard products

shape name[1)]	Rated Voltage VDC	Surge Voltage VDC	Nominal Capacitance μF	Case Size	DC Leakage Current μA 25℃	DC Leakage Current μA 85℃	DC Leakage Current μA 125℃	Dissipation factor (tanδ) -55℃	Dissipation factor (tanδ) 25℃ 85℃	Dissipation factor (tanδ) 125℃	ESR(Ω) 100kHz
267 P 4001 335 _[1] 901	4	5	3.3	A	0.5	5	6.3	0.08	0.06	0.06	7.5
267 P 4001 106 _[1] 901	4	5	10	B	0.5	5	6.3	↓	↓	↓	3.0
267 P 4001 226 _[1] 901	4	5	22	C_3	0.9	9	11	↓	↓	↓	0.6
267 P 4001 336 _[1] 901	4	5	33	C_3	1.3	13	17	↓	↓	↓	0.6
267 P 4001 476 _[1] 901	4	5	47	D_3	1.9	19	24	↓	↓	↓	0.5
267 P 4001 686 _[1] 901	4	5	68	D_3	2.7	27	34	↓	↓	↓	0.5
267 P 4001 107 _[1] 901	4	5	100	D_3	4.0	40	50	0.10	0.08	0.08	0.5
267 P 6001 225 _[1] 901	6	8	2.2	A	0.5	5	6.3	0.08	0.06	0.06	7.5
267 P 6001 685 _[1] 901	↓	↓	6.8	B	0.5	5	6.3	↓	↓	↓	3.0
267 P 6001 156 _[1] 901	↓	↓	15	C_3	0.9	9	12	↓	↓	↓	1.2
267 P 6001 226 _[1] 901	↓	↓	22	C_3	1.4	14	17	↓	↓	↓	0.6
267 P 6001 476 _[1] 901	↓	↓	47	D_3	3.0	30	37	↓	↓	↓	0.5
267 P 6001 686 _[1] 901	↓	↓	68	D_3	4.3	43	54	↓	↓	↓	0.5
267 P 6001 107 _[1] 901	↓	↓	100	D_3	6.3	63	79	0.10	0.08	0.08	0.5
267 P 1002 155 _[1] 901	10	13	1.5	A	0.5	5	6.3	0.08	0.06	0.06	7.5
267 P 1002 475 _[1] 901	↓	↓	4.7	B	0.5	5	6.3	↓	↓	↓	3.0
267 P 1002 106 _[1] 901	↓	↓	10	C_3	1.0	10	13	↓	↓	↓	1.2
267 P 1002 156 _[1] 901	↓	↓	15	C_3	1.5	15	19	↓	↓	↓	1.2
267 P 1002 336 _[1] 901	↓	↓	33	D_3	3.3	33	41	↓	↓	↓	1.0
267 P 1002 476 _[1] 901	↓	↓	47	D_3	4.7	47	59	↓	↓	↓	0.5
267 P 1002 686 _[1] 901	↓	↓	68	H	6.8	68	85	↓	↓	↓	0.08

Tantalum Solid Electroytic Capacitors
(TANCHIP® Space Qualified CWS11)

267P Series
Resin Molded Type
for Space Applciations

NCC

267P List of mold standard products

Shape Name(1)	Rated Voltage VDC	Surge voltage VDC	Nominal Capacitance μF	Case Size	DC Leakage Current (μA) 25℃	85℃	125℃	Dissipation factor (tanδ) -55℃	25℃ 85℃	125℃	ESR(Ω) 100kHz
267 P 1502 105 _1 901	15	20	1.0	A	0.5	5	6.3	0.05	0.04	0.05	7.5
267 P 1502 335 _1 901	↓	↓	3.3	B	0.5	5	6.3	0.08	0.06	0.06	3.0
267 P 1502 685 _1 901	↓	↓	6.8	C_3	1.1	11	14	↓	↓	↓	1.2
267 P 1502 106 _1 901	↓	↓	10	C_3	1.6	16	20	↓	↓	↓	1.2
267 P 1502 226 _1 901	↓	↓	22	D_3	3.5	35	44	↓	↓	↓	1.0
267 P 1502 336 _1 901	↓	↓	33	D_3	5.3	53	66	↓	↓	↓	1.0
267 P 2002 684 _1 901	20	26	0.68	A	0.5	5	6.3	0.05	0.04	0.05	7.5
267 P 2002 225 _1 901	↓	↓	2.2	B	0.5	5	6.3	0.08	0.06	0.06	3.0
267 P 2002 475 _1 901	↓	↓	4.7	C_3	0.9	9	12	↓	↓	↓	1.2
267 P 2002 156 _1 901	↓	↓	15	D_3	3.0	30	38	↓	↓	↓	1.0
267 P 2002 226 _1 901	↓	↓	22	D_3	4.4	44	55	↓	↓	↓	1.0
267 P 2502 474 _1 901	25	32	0.47	A	0.5	5	6.3	0.05	0.04	0.05	7.5
267 P 2502 155 _1 901	↓	↓	1.5	B	0.5	5	6.3	0.08	0.06	0.06	3.0
267 P 2502 335 _1 901	↓	↓	3.3	C_3	0.8	8	10	↓	↓	↓	1.2
267 P 2502 685 _1 901	↓	↓	6.8	D_3	1.7	17	21	↓	↓	↓	1.2
267 P 2502 106 _1 901	↓	↓	10	D_3	2.5	25	31	↓	↓	↓	1.0
267 P 2502 156 _1 901	↓	↓	15	D_3	3.7	37	46	↓	↓	↓	1.0
267 P 3502 104 _1 901	35	46	0.1	A	0.5	5	6.3	0.05	0.04	0.05	10.0
267 P 3502 154 _1 901	↓	↓	0.15	A	0.5	5	6.3	↓	↓	↓	10.0
267 P 3502 224 _1 901	↓	↓	0.22	A	0.5	5	6.3	↓	↓	↓	7.5
267 P 3502 334 _1 901	↓	↓	0.33	A	0.5	5	6.3	↓	↓	↓	7.5
267 P 3502 474 _1 901	↓	↓	0.47	B	0.5	5	6.3	↓	↓	↓	3.0
267 P 3502 684 _1 901	↓	↓	0.68	B	0.5	5	6.3	↓	↓	↓	3.0
267 P 3502 105 _1 901	↓	↓	1.0	B	0.5	5	6.3	↓	↓	↓	3.0
267 P 3502 155 _1 901	↓	↓	1.5	C_3	0.5	5	6.6	0.08	0.06	0.06	1.2
267 P 3502 225 _1 901	↓	↓	2.2	C_3	0.8	8	9.6	↓	↓	↓	1.2
267 P 3502 335 _1 901	↓	↓	3.3	C_3	1.2	12	14	↓	↓	↓	1.2
267 P 3502 475 _1 901	↓	↓	4.7	D_3	1.6	16	21	↓	↓	↓	1.2
267 P 3502 685 _1 901	↓	↓	6.8	D_3	2.4	24	30	↓	↓	↓	1.0
267 P 3502 106 _1 901	↓	↓	10	D_3	3.5	35	44	↓	↓	↓	1.0
267 P 5002 334 _1 901	50	65	0.33	B	0.5	5	6.3	0.05	0.04	0.05	3.0
267 P 5002 105 _1 901	↓	↓	1.0	C_3	0.5	5	6.3	↓	↓	↓	3.0
267 P 5002 225 _1 901	↓	↓	2.2	D_3	1.1	11	14	0.08	0.06	0.06	1.5
267 P 5002 335 _1 901	↓	↓	3.3	D_3	1.7	17	21	↓	↓	↓	1.0
267 P 5002 475 _1 901	↓	↓	4.7	D_3	2.3	23	29	↓	↓	↓	1.0

Note (1) _1 contains the capacity tolerance J (±5%), K (±10%) M (±20%。