

Solid Tantalum Surface Mount TANTAMOUNT[®], Molded Case, Hi-Rel COTS


FEATURES

- Terminations 100 % matte tin and tin/lead
- Standard EIA 535BAAC case sizes (A through E)
- Weibull grading and surge current test options
- Standard and low ESR options
- Compliant to RoHS Directive 2002/95/EC


RoHS*
COMPLIANT

PERFORMANCE/ELECTRICAL CHARACTERISTICS
Operating Temperature: - 55 °C to + 125 °C

(Above 85 °C, voltage derating is required)

Capacitance Range: 0.1 μF to 470 μF

Capacitance Tolerance: ± 10 %, ± 20 %

Voltage Rating: 4 V_{DC} to 63 V_{DC}

ORDERING INFORMATION								
T83	D	107	K	010	E	A	A	S
TYPE	CASE CODE	CAPACITANCE	CAPACITANCE TOLERANCE	DC VOLTAGE RATING AT + 85 °C	TERMINATION AND PACKAGING	RELIABILITY LEVEL	SURGE CURRENT	ESR
	See Ratings and Case Codes table.	This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow.	K = ± 10 % M = ± 20 %	This is expressed in volts. To complete the three-digit block, zeros precede the voltage rating. A decimal point is indicated by an "R" (6R3 = 6.3 V).	C: Matte tin/7" (178 mm) reels H: Matte tin/7" (178 mm), ½ reel E: Tin/lead/7" (178 mm) reel L: Tin/lead/7" (178 mm), ½ reel	A = 1.0 % B = 0.1 % S = Hi-Rel standard Z = Non-ER	A = 10 cycles at + 25 °C B = 10 cycles at - 55 °C/+ 85 °C Z = None S = 3 cycles at + 25 °C	S = Std L = Low

DIMENSIONS in inches (millimeters)							
CASE CODE	EIA SIZE	L	W	H	P	Tw	TH (MIN.)
A	3216-18	0.126 ± 0.008 [3.2 ± 0.20]	0.063 ± 0.008 [1.6 ± 0.20]	0.063 ± 0.008 [1.6 ± 0.20]	0.031 ± 0.012 [0.80 ± 0.30]	0.047 ± 0.004 [1.2 ± 0.10]	0.028 [0.70]
B	3528-21	0.138 ± 0.008 [3.5 ± 0.20]	0.110 ± 0.008 [2.8 ± 0.20]	0.075 ± 0.008 [1.9 ± 0.20]	0.031 ± 0.012 [0.80 ± 0.30]	0.087 ± 0.004 [2.2 ± 0.10]	0.028 [0.70]
C	6032-28	0.236 ± 0.012 [6.0 ± 0.30]	0.126 ± 0.012 [3.2 ± 0.30]	0.098 ± 0.012 [2.5 ± 0.30]	0.051 ± 0.012 [1.3 ± 0.30]	0.087 ± 0.004 [2.2 ± 0.10]	0.039 [1.0]
D	7343-31	0.287 ± 0.012 [7.3 ± 0.30]	0.170 ± 0.012 [4.3 ± 0.30]	0.110 ± 0.012 [2.8 ± 0.30]	0.051 ± 0.012 [1.3 ± 0.30]	0.095 ± 0.004 [2.4 ± 0.10]	0.039 [1.0]
E	7343-43	0.287 ± 0.012 [7.3 ± 0.30]	0.170 ± 0.012 [4.3 ± 0.30]	0.158 ± 0.012 [4.0 ± 0.30]	0.051 ± 0.012 [1.3 ± 0.30]	0.095 ± 0.004 [2.4 ± 0.10]	0.039 [1.0]

* Pb containing terminations are not RoHS compliant, exemptions may apply

RATINGS AND CASE CODES									
μF	4 V	6.3 V	10 V	16 V	20 V	25 V	35 V	50 V	63 V
0.1							A	A	
0.15							A	A/B	
0.22							A	B	
0.33						A	A	B	
0.47					A	A	A/B	B/C	
0.68				A	A	B	B	C	
1			A	A	A	A/B	A/B	B/C	
1.5		A	A	A	B	B	B/C	C/D	
2.2	A	A		B	A/B	A/B/C	B/C	C/D	
3.3	A	A	B	B	B	B/C	B/C	D	
4.7	A	A/B	A/B	A/B	A/B/C	A/C	C/D	D	D
6.8	B	B	B	C	C	C/D	C/D	E	
10	B	B	A/C	A/B/C	B/C	B/C/D	C/D	E	E
15	B	C	A/C	B	D	C/D	D		
22		A/C	A	B/D	C/D	D	D/E		
33	A/C	B/C	B/C/D	B/C/D	D	D/E			
47	B/C	B/C/D	B/C/D	C/D	D/E	D/E			
68	D	D	D	D	E				
100	B/D	B/D	C/D	D/E	E				
150	D	D/E	D	E					
220		C/D/E	D/E						
330	E	E	E						
470			E						

MARKING																					
<p>A Case</p>	<p>“A” CASE VOLTAGE CODE</p> <table border="1"> <thead> <tr> <th>VOLTS</th> <th>CODE</th> </tr> </thead> <tbody> <tr><td>4.0</td><td>G</td></tr> <tr><td>6.3</td><td>J</td></tr> <tr><td>10</td><td>A</td></tr> <tr><td>16</td><td>C</td></tr> <tr><td>20</td><td>D</td></tr> <tr><td>25</td><td>E</td></tr> <tr><td>35</td><td>V</td></tr> <tr><td>50</td><td>T</td></tr> </tbody> </table>		VOLTS	CODE	4.0	G	6.3	J	10	A	16	C	20	D	25	E	35	V	50	T	<p>B, C, D, E Case</p>
	VOLTS	CODE																			
	4.0	G																			
	6.3	J																			
	10	A																			
	16	C																			
	20	D																			
25	E																				
35	V																				
50	T																				

Marking:

Capacitor marking includes an anode (+) polarity band, capacitance in microfarads and the voltage rating. “A” case capacitors use a letter code for the voltage and EIA capacitance code. The Vishay Sprague[®] trademark is included if space permits. Capacitors rated at 6.3 V are marked 6 V. A manufacturing date code is marked on all capacitors. Call the factory for further explanation.



Solid Tantalum Surface Mount
TANTAMOUNT®, Molded Case, Hi-Rel COTS

Vishay Sprague

RATINGS AND PART NUMBER REFERENCE						
CAPACITANCE (µF)	CASE CODE	PART NUMBER	MAX. DC LEAKAGE AT + 25 °C (µA)	MAX. DF AT + 25 °C 120 Hz (%)	STD. (S) MAX. ESR AT + 25 °C 100 kHz (Ω)	LOW (L) MAX. ESR AT + 25 °C 100 kHz (Ω)
4 V_{DC} AT + 85 °C, 2.7 V_{DC} AT + 125 °C						
2.2	A	T83A225(1)004(2)(3)(4)(5)	0.5	6	7.600	6.000
3.3	A	T83A335(1)004(2)(3)(4)(5)	0.5	6	7.600	4.000
4.7	A	T83A475(1)004(2)(3)(4)(5)	0.5	6	6.300	3.500
6.8	B	T83B685(1)004(2)(3)(4)(5)	0.5	6	4.500	2.000
10	B	T83B106(1)004(2)(3)(4)(5)	0.5	6	3.500	1.200
15	B	T83B156(1)004(2)(3)(4)(5)	0.6	6	2.900	1.200
33	A	T83A336(1)004(2)(3)(4)(5)	1.3	6	2.900	1.500
33	C	T83C336(1)004(2)(3)(4)(5)	1.3	6	1.800	0.500
47	B	T83B476(1)004(2)(3)(4)(5)	1.9	6	2.500	0.600
47	C	T83C476(1)004(2)(3)(4)(5)	1.9	6	1.800	0.400
68	D	T83D686(1)004(2)(3)(4)(5)	2.7	6	0.800	0.175
100	B	T83B107(1)004(2)(3)(4)(5)	4.0	6	1.800	0.450
100	D	T83D107(1)004(2)(3)(4)(5)	4.0	6	0.700	0.175
150	D	T83D157(1)004(2)(3)(4)(5)	6.0	8	0.600	0.150
330	E	T83E337(1)004(2)(3)(4)(5)	13.2	8	0.500	0.100
6.3 V_{DC} AT + 85 °C, 4 V_{DC} AT 125 °C						
1.5	A	T83A155(1)6R3(2)(3)(4)(5)	0.5	6	8.000	6.000
2.2	A	T83A225(1)6R3(2)(3)(4)(5)	0.5	6	7.600	6.000
3.3	A	T83A335(1)6R3(2)(3)(4)(5)	0.5	6	6.300	5.000
4.7	A	T83A475(1)6R3(2)(3)(4)(5)	0.5	6	5.500	3.500
4.7	B	T83B475(1)6R3(2)(3)(4)(5)	0.5	6	3.400	1.800
6.8	B	T83B685(1)6R3(2)(3)(4)(5)	0.5	6	3.400	1.200
10	B	T83B106(1)6R3(2)(3)(4)(5)	0.6	6	2.900	1.000
15	C	T83C156(1)6R3(2)(3)(4)(5)	0.9	6	1.800	0.600
22	A	T83A226(1)6R3(2)(3)(4)(5)	1.3	6	2.900	2.000
22	C	T83C226(1)6R3(2)(3)(4)(5)	1.3	6	1.800	0.500
33	B	T83B336(1)6R3(2)(3)(4)(5)	2.0	6	1.900	0.600
33	C	T83C336(1)6R3(2)(3)(4)(5)	2.0	6	1.500	0.400
47	B	T83B476(1)6R3(2)(3)(4)(5)	2.8	6	2.000	0.550
47	C	T83C476(1)6R3(2)(3)(4)(5)	2.8	6	1.400	0.300
47	D	T83D476(1)6R3(2)(3)(4)(5)	2.8	6	0.800	0.200
68	D	T83D686(1)6R3(2)(3)(4)(5)	4.1	6	0.700	0.200
100	B	T83B107(1)6R3(2)(3)(4)(5)	6.0	15	1.700	0.700
100	D	T83D107(1)6R3(2)(3)(4)(5)	6.0	6	0.700	0.140
150	D	T83D157(1)6R3(2)(3)(4)(5)	9.0	8	0.600	0.125
150	E	T83E157(1)6R3(2)(3)(4)(5)	9.0	8	0.500	0.100
220	C	T83C227(1)6R3(2)(3)(4)(5)	13.9	14	0.700	0.300
220	D	T83D227(1)6R3(2)(3)(4)(5)	13.2	8	0.600	0.100
220	E	T83E227(1)6R3(2)(3)(4)(5)	13.2	8	0.500	0.100
330	E	T83E337(1)6R3(2)(3)(4)(5)	19.8	8	0.500	0.100
10 V_{DC} AT + 85 °C, 7 V_{DC} AT 125 °C						
1	A	T83A105(1)010(2)(3)(4)(5)	0.5	4	9.300	6.000
1.5	A	T83A155(1)010(2)(3)(4)(5)	0.5	6	8.000	6.000
3.3	B	T83B335(1)010(2)(3)(4)(5)	0.5	6	3.500	2.500
4.7	A	T83A475(1)010(2)(3)(4)(5)	0.5	6	5.000	3.000
4.7	B	T83B475(1)010(2)(3)(4)(5)	0.5	6	3.400	1.500

Notes

- (1) Capacitance tolerance: K, M
- (2) Termination and packaging: C, E, H, L
- (3) Reliability level: A, B, S, Z

- (4) Surge current: A, B, Z, S
- (5) ESR: L, S

RATINGS AND PART NUMBER REFERENCE						
CAPACITANCE (μ F)	CASE CODE	PART NUMBER	MAX. DC LEAKAGE AT + 25 °C (μ A)	MAX. DF AT + 25 °C 120 Hz (%)	STD. (S) MAX. ESR AT + 25 °C 100 kHz (Ω)	LOW (L) MAX. ESR AT + 25 °C 100 kHz (Ω)
10 V_{DC} AT + 85 °C, 7 V_{DC} AT 125 °C						
10	A	T83A106(1)010(2)(3)(4)(5)	1.0	6	3.400	2.000
10	C	T83C106(1)010(2)(3)(4)(5)	1.0	6	1.800	0.550
15	A	T83A156(1)010(2)(3)(4)(5)	1.5	6	2.900	2.000
15	C	T83C156(1)010(2)(3)(4)(5)	1.5	6	1.800	0.500
22	A	T83A226(1)010(2)(3)(4)(5)	2.2	8	2.500	1.500
33	B	T83B336(1)010(2)(3)(4)(5)	3.3	6	1.900	0.600
33	C	T83C336(1)010(2)(3)(4)(5)	3.3	6	1.400	0.350
33	D	T83D336(1)010(2)(3)(4)(5)	3.3	6	0.800	0.250
47	B	T83B476(1)010(2)(3)(4)(5)	4.7	6	1.800	0.600
47	C	T83C476(1)010(2)(3)(4)(5)	4.7	6	1.100	0.300
47	D	T83D476(1)010(2)(3)(4)(5)	4.7	6	0.700	0.200
68	D	T83D686(1)010(2)(3)(4)(5)	6.8	6	0.700	0.150
100	C	T83C107(1)010(2)(3)(4)(5)	10.0	8	0.900	0.200
100	D	T83D107(1)010(2)(3)(4)(5)	10.0	8	0.600	0.100
150	D	T83D157(1)010(2)(3)(4)(5)	15.0	8	0.600	0.100
220	D	T83D227(1)010(2)(3)(4)(5)	22.0	8	0.600	0.360
220	E	T83E227(1)010(2)(3)(4)(5)	22.0	8	0.500	0.100
330	E	T83E337(1)010(2)(3)(4)(5)	33.0	10	0.500	0.100
470	E	T83E477(1)010(2)(3)(4)(5)	47.0	15	0.500	0.100
16 V_{DC} AT + 85 °C, 10 V_{DC} AT + 125 °C						
0.68	A	T83A684(1)016(2)(3)(4)(5)	0.5	4	11.000	8.000
1	A	T83A105(1)016(2)(3)(4)(5)	0.5	4	9.300	6.000
1.5	A	T83A155(1)016(2)(3)(4)(5)	0.5	6	6.700	6.000
2.2	B	T83B225(1)016(2)(3)(4)(5)	0.5	6	4.600	2.500
3.3	B	T83B335(1)016(2)(3)(4)(5)	0.5	6	3.500	2.000
4.7	A	T83A475(1)016(2)(3)(4)(5)	0.8	6	5.000	3.500
4.7	B	T83B475(1)016(2)(3)(4)(5)	0.8	6	2.900	1.500
6.8	C	T83C685(1)016(2)(3)(4)(5)	1.1	6	1.900	0.600
10	A	T83A106(1)016(2)(3)(4)(5)	1.6	6	3.000	1.700
10	B	T83B106(1)016(2)(3)(4)(5)	1.6	6	2.800	0.800
10	C	T83C106(1)016(2)(3)(4)(5)	1.6	6	1.800	0.450
15	B	T83B156(1)016(2)(3)(4)(5)	2.4	6	2.000	0.850
22	B	T83B226(1)016(2)(3)(4)(5)	3.5	6	1.900	0.600
22	D	T83D226(1)016(2)(3)(4)(5)	3.5	6	0.800	0.250
33	B	T83B336(1)016(2)(3)(4)(5)	5.3	6	1.800	0.500
33	C	T83C336(1)016(2)(3)(4)(5)	5.3	6	1.100	0.300
33	D	T83D336(1)016(2)(3)(4)(5)	5.3	6	0.700	0.225
47	C	T83C476(1)016(2)(3)(4)(5)	1.5	6	1.000	0.300
47	D	T83D476(1)016(2)(3)(4)(5)	7.5	6	0.700	0.150
68	D	T83D686(1)016(2)(3)(4)(5)	10.9	6	0.600	0.150
100	D	T83D107(1)016(2)(3)(4)(5)	16.0	8	0.600	0.125
100	E	T83E107(1)016(2)(3)(4)(5)	16.0	8	0.600	0.100
150	E	T83E157(1)016(2)(3)(4)(5)	24.0	8	0.500	0.150

Notes

(1) Capacitance tolerance: K, M
 (2) Termination and packaging: C, E, H, L
 (3) Reliability level: A, B, S, Z

(4) Surge current: A, B, Z, S
 (5) ESR: L, S



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RATINGS AND PART NUMBER REFERENCE						
CAPACITANCE (µF)	CASE CODE	PART NUMBER	MAX. DC LEAKAGE AT + 25 °C (µA)	MAX. DF AT + 25 °C 120 Hz (%)	STD. (S) MAX. ESR AT + 25 °C 100 kHz (Ω)	LOW (L) MAX. ESR AT + 25 °C 100 kHz (Ω)
20 V_{DC} AT + 85 °C, 13 V_{DC} AT + 125 °C						
0.47	A	T83A474(1)020(2)(3)(4)(5)	0.5	4	12.000	9.000
0.68	A	T83A684(1)020(2)(3)(4)(5)	0.5	4	10.000	8.000
1	A	T83A105(1)020(2)(3)(4)(5)	0.5	4	8.400	5.500
1.5	B	T83B155(1)020(2)(3)(4)(5)	0.5	6	4.600	2.500
2.2	A	T83A225(1)020(2)(3)(4)(5)	0.5	6	5.900	4.000
2.2	B	T83B225(1)020(2)(3)(4)(5)	0.5	6	3.500	1.500
3.3	B	T83B335(1)020(2)(3)(4)(5)	0.7	6	3.000	1.300
4.7	A	T83A475(1)020(2)(3)(4)(5)	0.9	6	5.000	3.500
4.7	B	T83B475(1)020(2)(3)(4)(5)	0.9	6	2.900	1.000
4.7	C	T83C475(1)020(2)(3)(4)(5)	0.9	6	2.300	0.600
6.8	C	T83C685(1)020(2)(3)(4)(5)	1.4	6	1.900	0.550
10	B	T83B106(1)020(2)(3)(4)(5)	2.0	6	2.500	1.000
10	C	T83C106(1)020(2)(3)(4)(5)	2.0	6	1.700	0.450
15	D	T83D156(1)020(2)(3)(4)(5)	3.0	6	0.900	0.300
22	C	T83C226(1)020(2)(3)(4)(5)	4.4	6	1.100	0.375
22	D	T83D226(1)020(2)(3)(4)(5)	4.4	6	0.700	0.225
33	D	T83D336(1)020(2)(3)(4)(5)	6.6	6	0.700	0.200
47	D	T83D476(1)020(2)(3)(4)(5)	9.4	6	0.700	0.200
47	E	T83E476(1)020(2)(3)(4)(5)	9.4	6	0.600	0.150
68	D	T83D686(1)020(2)(3)(4)(5)	13.6	6	0.700	0.175
68	E	T83E686(1)020(2)(3)(4)(5)	13.6	6	0.600	0.150
100	E	T83E107(1)020(2)(3)(4)(5)	20.0	8	0.500	0.150
25 V_{DC} AT + 85 °C, 17 V_{DC} AT + 125 °C						
0.33	A	T83A334(1)025(2)(3)(4)(5)	0.5	4	14.000	10.000
0.47	A	T83A474(1)025(2)(3)(4)(5)	0.5	4	12.000	9.000
0.68	B	T83B684(1)025(2)(3)(4)(5)	0.5	4	7.000	5.000
1	A	T83A105(1)025(2)(3)(4)(5)	0.5	4	6.100	3.200
1	B	T83B105(1)025(2)(3)(4)(5)	0.5	4	5.000	2.000
1.5	B	T83B155(1)025(2)(3)(4)(5)	0.5	6	4.600	2.000
2.2	A	T83A225(1)025(2)(3)(4)(5)	0.6	6	6.300	4.000
2.2	B	T83B225(1)025(2)(3)(4)(5)	0.6	6	3.800	2.300
2.2	C	T83C225(1)025(2)(3)(4)(5)	0.6	6	2.900	1.000
3.3	B	T83B335(1)025(2)(3)(4)(5)	0.8	6	3.100	1.500
3.3	C	T83C335(1)025(2)(3)(4)(5)	0.8	6	2.300	1.000
4.7	B	T83B475(1)025(2)(3)(4)(5)	1.2	6	2.800	1.500
4.7	C	T83C475(1)025(2)(3)(4)(5)	1.2	6	2.000	0.525
6.8	C	T83C685(1)025(2)(3)(4)(5)	1.7	6	1.700	0.500
6.8	D	T83D685(1)025(2)(3)(4)(5)	1.7	6	1.200	0.350
10	B	T83B106(1)025(2)(3)(4)(5)	2.5	6	2.300	1.300
10	C	T83C106(1)025(2)(3)(4)(5)	2.5	6	1.500	0.450
10	D	T83D106(1)025(2)(3)(4)(5)	2.5	6	1.000	0.300
15	C	T83C156(1)025(2)(3)(4)(5)	3.8	6	1.200	0.430
15	D	T83D156(1)025(2)(3)(4)(5)	3.8	6	0.800	0.250
22	D	T83D226(1)025(2)(3)(4)(5)	5.5	6	0.700	0.200
33	D	T83D336(1)025(2)(3)(4)(5)	8.3	6	0.700	0.300
33	E	T83E336(1)025(2)(3)(4)(5)	8.3	6	0.600	0.200
47	D	T83D476(1)025(2)(3)(4)(5)	11.8	8	0.700	0.350
47	E	T83E476(1)025(2)(3)(4)(5)	11.8	6	0.600	0.300

Notes

- (1) Capacitance tolerance: K, M
- (2) Termination and packaging: C, E, H, L
- (3) Reliability level: A, B, S, Z

- (4) Surge current: A, B, Z, S
- (5) ESR: L, S

RATINGS AND PART NUMBER REFERENCE						
CAPACITANCE (μ F)	CASE CODE	PART NUMBER	MAX. DC LEAKAGE AT + 25 °C (μ A)	MAX. DF AT + 25 °C 120 Hz (%)	STD. (S) MAX. ESR AT + 25 °C 100 kHz (Ω)	LOW (L) MAX. ESR AT + 25 °C 100 kHz (Ω)
35 V_{DC} AT + 85 °C, 23 V_{DC} AT + 125 °C						
0.1	A	T83A104(1)035(2)(3)(4)(5)	0.5	4	20.000	10.000
0.15	A	T83A154(1)035(2)(3)(4)(5)	0.5	4	18.000	6.000
0.22	A	T83A224(1)035(2)(3)(4)(5)	0.5	4	15.000	6.000
0.33	A	T83A334(1)035(2)(3)(4)(5)	0.5	4	13.000	6.000
0.47	A	T83A474(1)035(2)(3)(4)(5)	0.5	4	10.000	4.000
0.47	B	T83B474(1)035(2)(3)(4)(5)	0.5	4	8.000	0.800
0.68	B	T83B684(1)035(2)(3)(4)(5)	0.5	4	6.500	2.500
1	A	T83A105(1)035(2)(3)(4)(5)	0.5	4	7.500	6.000
1	B	T83B105(1)035(2)(3)(4)(5)	0.5	4	5.000	2.000
1.5	B	T83B155(1)035(2)(3)(4)(5)	0.5	6	4.200	3.000
1.5	C	T83C155(1)035(2)(3)(4)(5)	0.5	6	3.800	1.500
2.2	B	T83B225(1)035(2)(3)(4)(5)	0.8	6	3.800	2.300
2.2	C	T83C225(1)035(2)(3)(4)(5)	0.8	6	2.900	0.900
3.3	B	T83B335(1)035(2)(3)(4)(5)	1.2	6	3.500	1.500
3.3	C	T83C335(1)035(2)(3)(4)(5)	1.2	6	2.100	0.700
4.7	C	T83C475(1)035(2)(3)(4)(5)	1.6	6	1.900	0.600
4.7	D	T83D475(1)035(2)(3)(4)(5)	1.6	6	1.300	0.600
6.8	C	T83C685(1)035(2)(3)(4)(5)	2.4	6	1.800	0.900
6.8	D	T83D685(1)035(2)(3)(4)(5)	2.4	6	1.100	0.300
10	C	T83C106(1)035(2)(3)(4)(5)	3.5	6	1.600	0.850
10	D	T83D106(1)035(2)(3)(4)(5)	3.5	6	0.800	0.300
15	D	T83D156(1)035(2)(3)(4)(5)	5.3	6	0.800	0.300
22	D	T83D226(1)035(2)(3)(4)(5)	7.7	6	0.600	0.400
22	E	T83E226(1)035(2)(3)(4)(5)	7.7	6	0.600	0.300
50 V_{DC} AT + 85 °C, 33 V_{DC} AT + 125 °C						
0.1	A	T83A104(1)050(2)(3)(4)(5)	0.5	4	19.000	10.000
0.15	A	T83A154(1)050(2)(3)(4)(5)	0.5	4	17.000	10.000
0.15	B	T83B154(1)050(2)(3)(4)(5)	0.5	4	14.000	9.000
0.22	B	T83B224(1)050(2)(3)(4)(5)	0.5	4	12.000	8.500
0.33	B	T83B334(1)050(2)(3)(4)(5)	0.5	4	10.000	4.500
0.47	B	T83B474(1)050(2)(3)(4)(5)	0.5	4	8.400	4.000
0.47	C	T83C474(1)050(2)(3)(4)(5)	0.5	4	6.700	1.800
0.68	C	T83C684(1)050(2)(3)(4)(5)	0.5	4	5.900	1.600
1	B	T83B105(1)050(2)(3)(4)(5)	0.5	4	6.700	2.000
1	C	T83C105(1)050(2)(3)(4)(5)	0.5	4	4.600	1.600
1.5	C	T83C155(1)050(2)(3)(4)(5)	0.8	6	3.400	1.500
1.5	D	T83D155(1)050(2)(3)(4)(5)	0.8	6	2.900	1.000
2.2	C	T83C225(1)050(2)(3)(4)(5)	1.1	6	2.900	1.500
2.2	D	T83D225(1)050(2)(3)(4)(5)	1.1	6	2.100	0.800
3.3	D	T83D335(1)050(2)(3)(4)(5)	1.7	6	1.700	0.800
4.7	D	T83D475(1)050(2)(3)(4)(5)	2.4	6	1.200	0.600
6.8	E	T83E685(1)050(2)(3)(4)(5)	3.4	6	0.900	0.540
10	E	T83E106(1)050(2)(3)(4)(5)	5.0	6	0.800	0.550
63 V_{DC} AT + 85 °C, 41.6 V_{DC} AT + 125 °C						
4.7	D	T83D475(1)063(2)(3)(4)(5)	3.0	6	1.100	0.700
10	E	T83E106(1)063(2)(3)(4)(5)	6.3	6	1.000	0.600

Notes

(1) Capacitance tolerance: K, M

(2) Termination and packaging: C, E, H, L

(3) Reliability level: A, B, S, Z

(4) Surge current: A, B, Z, S

(5) ESR: L, S



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