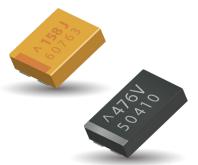
Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors





FEATURES

- Highest Energy per volume
- Fast DCL drop with Voltage applied after reflow
- Benign failure mode under recommended use conditions
- Low ESR
- Undertab terminations layout:
 - High Volumetric Efficiency
 - Low profile case sizes
 - High capacitance in smaller dimensions
 - Close positioning of several parts for efficient high density PCB layout
- 3x reflow 260°C compatible



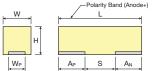


APPLICATIONS

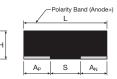
 Power backup for SSDs (MLC, SLC, EFD, PCle), battery-powered portable equipment, industrial alarms, smart power meters, and mobile devices.

J-LEAD A S A A W W

UNDERTAB









CASE DIMENSIONS UNDERTAB: millimeters (inches)

Code	EIA Code	EIA Metric	L±0.20 (0.008)	W+0.20 (0.008) -0.10 (0.004)	H max.	W _P ±0.10 (0.004)	W _N ±0.10 (0.004)	A _P ±0.10 (0.004)	A _N ±0.10 (0.004)	S Min.
L	1210	3528-10	3.50 (0.138)	2.80 (0.110)	1.00 (0.039)	2.50 (0.098)	2.10 (0.083)	1.15 (0.045)	1.35 (0.053)	1.00 (0.039)
Т	1210	3528-12	3.50 (0.138)	2.80 (0.110)	1.20 (0.047)	2.50 (0.098)	2.10 (0.083)	1.15 (0.045)	1.35 (0.053)	1.00 (0.039)
Χ	2917	7343-15	7.30 (0.287)	4.30 (0.169)	1.50 (0.059)	3.25 (0.128)	3.25 (0.128)	2.00 (0.079)	3.20 (0.126)	2.10 (0.083)
4	2924	7361-20	7.30 (0.287)	6.10 (0.240)	2.00 (0.079)	4.75 (0.187)	4.75 (0.187)	2.00 (0.079)	3.20 (0.126)	2.10 (0.083)

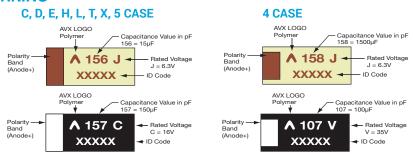
CASE DIMENSIONS J-LEAD: millimeters (inches)

Code	EIA Code	EIA Metric	L±0.20 (0.008)	W+0.20 (0.008) -0.10 (0.004)	H+0.20 (0.008) -0.10 (0.004)	W ₁ ±0.20 (0.008)	A+0.30 (0.012) -0.20 (0.008)	S Min.			
С	2312	6032-28	6.00 (0.236)	3.20 (0.126)	2.60 (0.102)	2.20 (0.087)	1.30 (0.051)	2.90 (0.114)			
D	2917	7343-31	7.30 (0.287)	4.30 (0.169)	2.90 (0.114)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)			
E	2917	7343-43	7.30 (0.287)	4.30 (0.169)	4.10 (0.162)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)			
Н	1210	3528-15	3.50 (0.138)	2.80 (0.110)	1.50 (0.059) max.	2.20 (0.087)	0.80 (0.031)	1.40 (0.055)			
5	2917	7343-40	7.30 (0.287)	4.30 (0.169)	3.80 (0.150)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)			
	W_1 dimension applies to the termination width for A dimensional area only.										

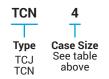
MAXIMUM ENERGY PER CASE SIZE

Case Size	H Max (mm)	Max Energy (mJ)
С	2.8	5.8
D	3.1	21.8
E	4.3	11.9
Н	1.5	3.3
L	1.0	1.8
T	1.2	6.5
Х	1.5	18.2
4	2.0	43.0
5	4.0	46.6

MARKING



HOW TO ORDER



Capacitance Code
pF code: 1st two digits
represent significant figures,
3rd digit represents multiplier

158

M Tolerance M = ±20%

Rated DC Voltage 006 = 6.3Vdc 020 = 20Vdc 010 = 10Vdc 025 = 25Vdc

006

035 = 35Vdc

Packaging
R = Pure Tin 7" Reel
S = Pure Tin 13" Reel
(J-Lead)

R

0055 | | | ESR in mΩ E T Additional Character E = Black resin

Part Numbers already changed to an "E" suffix will continue to be supplied with only black resin. Those Part Numbers currently produced with gold resin will eventually change to black before July, 2020.

016 = 16Vdc



J-CAP[™] Series



Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors

TECHNICAL SPECIFICATIONS

Technical Data:		All techi	nical data	relate to	an ambi	ent temp	erature o	of +25°C	
Capacitance Range:		4.7 μF to	o 1500 μF						
Capacitance Tolerance:		±20%							
Leakage Current DCL:		0.1CV							
Rated Voltage DC (V _R)	≤ +85°C:	6.3	10	16	20	25	35	50	
Surge Voltage (V _s)	≤ +85°C:	8	13	21	26	33	46	65	
Temperature Range:		-55°C up	to +125°	С					
Reliability:			000 hours fidence le		V _R with 0.	.1Ω/V ser	ies imped	lance	

NOTE: Conductive Polymer Capacitors are designed to operate within the limits of the environmental conditions specified for each series. If operated continuously at their maximum temperature and / or humidity limit, or beyond these limits, capacitors may exhibit a parametric shift in capacitance and increases in ESR. These changes may occur earlier if the specified environmental conditions are exceeded. Similarly, their normal operational time period will be significantly extended if their general duty cycle includes operation below maximum temperature within humidity controlled environments. Careful attention should be paid to maximum temperature with associated high humidity environments as well as voltage derating, ripple current and current surges. Please reference the AVX Conductive Polymer Capacitor Guidelines for more information or contact factory for application assistance.

CAPACITANCE AND RATED VOLTAGE RANGE (LETTER DENOTES CASE SIZE)

Capac	itance						Rated \	/oltage D	C to 85	°C, [mJ]					
μF	Code	6.3V (J)		10V (A)		16V (C)		20V	(D)	25V	(E)	35V	(V)	50V	(T)
4.7	475											L(300E) T(200E)	[1.8]		
6.8	685													C(200E)	[5.4]
10	106											T(200E)	[3.9]	D(120E)	[8.0]
15	156											C(200E)	[5.8]	E(70E)	[11.9]
22	226									T(200E)	[4.3]	D(100E)	[8.5]		
33	336					H(150E) T(200E)	[3.3]			T(250E)	[6.5]	D(70E)	[12.8]		
47	476			C(100E) H(100E)	[1.7]	T(200) T(150E)	[4.7]			X(100E)	[9.2]	X(150E)	[18.2]		
68	686	H(100E)	[0.8]	D(45E)	[2.5]	D(50E)	[6.7]	D(55E)	[8.4]	D(70E)	[13.3]				
100	107			D(45E)	[3.6]	D(50E)	[9.9]	D(55E)	[12.4]	D(70E) 4(100E)	[19.6]	4(100E)	[38.8]		
150	157	T(200E)	[1.7]	D(45E)	[5.4]	X(100E)	[14.9]			4(70E)	[29.3]				
220	227	H(170E)	[2.6]	D(40E)	[7.9]	D(50E) 4(70E)	[21.8]	4(100E)	[27.2]	4(100E)	[43.0]				
330	337	D(40E)	[3.8]	5(100E)	[11.9]	4(70E) 5(100E)	[32.7]								
470	477	X(50E)	[5.4]			5(100E)	[46.6]								
1000	108	4(55E)	[11.6]												
1500	158	4(55E)	[17.4]												

Note for designers - for the highlighted ratings, higher voltage options are now available in the same case size and are recommended for new designs.

Released ratings, (ESR ratings in mOhms in parentheses) [Energy in mJ]

Note: Voltage ratings are minimum values. AVX reserves the right to supply

higher voltage ratings in the same case size, to the same reliability standards.



J-CAP[™] Series



Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors

RATINGS & PART NUMBER REFERENCE

ANDV	0	0	Rated	Maximum	DCL	DF	ESR	1000kHz	Dun dun d			ENERGY	
AVX Part No.	Case Size	Capacitance (μF)	Voltage (V)	Operating Temperature (°C)	Max. (μA)	Max. (%)	Max. @ 100kHz (mΩ)	RMS Current (mA) 45°C	Product Category	MSL	Energy (mJ)	Energy/volume (mJ/cm³)	Energy/area (mJ/cm²)
						6.3 Volt @	85°C						
TCJH686M006#0100E	Н	68	6.3	105	40.8	6	100	1000	3	3	0.8	54	8.0
TCNT157M006#0200E	Т	150	6.3	105	90	10	200	700	3	4	1.7	147	17.7
TCJH227M006#0170E	Н	220	6.3	105	132	10	170	800	3	3	2.6	173	26
TCJD337M006#0040E	D	330	6.3	105	198	6	40	2400	2	3	3.8	42	12.2
TCNX477M006#0050E	Х	470	6.3	85	282	10	50	1900	5	5	5.4	115	17.3
TCN4108M006#0055E	4	1000	6.3	85	600	20	55	1860	5	4	11.6	130	26
TCN4158M006#0055E	4	1500	6.3	85	900	20	55	1860	5	4	17.4	195	39
						10 Volt @	85°C						
TCJH476M010#0100E	Н	47	10	105	47	6	100	1000	3	3	1.7	115	17.3
TCJC476M010#0100E	С	47	10	125	47	6	100	1300	1	3	1.7	34	8.8
TCJD686M010#0045E	D	68	10	105	68	6	45	2200	3	3	2.5	27	7.8
TCJD107M010#0045E	D	100	10	105	100	6	45	2200	3	3	3.6	40	11.5
TCJD157M010#0045E	D	150	10	105	150	6	45	2200	3	3	5.4	59	17.2
TCJD227M010#0040E	D	220	10	105	220	6	40	2400	3	3	7.9	87	25.2
TCJ5337M010#0100E	5	330	10	105	330	10	100	1300	2	3	11.9	100	37.8
						16 Volt @	85°C						
TCJH336M016#0150E	Н	33	16	105	52.8	6	150	800	3	3	3.3	223	33.4
TCNT336M016#0200E	Т	33	16	105	52.8	6	200	700	3	4	3.3	277	33.4
TCNT476M016#0150E	Т	47	16	105	75.2	6	150	800	3	4	4.7	395	47.6
TCNT476M016#0200	T	47	16	105	75.2	6	200	700	3	4	4.7	395	47.6
TCJD686M016#0050E	D	68	16	105	108.8	6	50	2100	2	3	6.7	74	21.5
TCJD107M016#0050E	D	100	16	105	160	6	50	2100	2	3	9.9	109	31.6
TCNX157M016#0100E	X	150	16	105	240	6	100	1300	3	4	14.9	316	47.4
TCJD227M016#0050E	D	220	16	105	352	10	50	2100	2	3	21.8	240	69.5
TCN4227M016#0070E	4	220	16	105	352	20	70	1650	2	4	21.8	245	49
TCN4337M016#0070E	4	330	16	105	528	20	70	1650	3	4	32.7	367	73.5
TCJ5337M016#0100E	5	330	16	105	528	10	100	1300	2	3	32.7	274	104.2
TCJ5477M016#0100E	5	470	16	105	752	10	100	1300	3	3	46.6	391	148.5
	,					20 Volt @							
TCJD686M020#0055E	D	68	20	105	136	6	55	2000	3	3	8.4	92	26.7
TCJD107M020#0055E	D	100	20	105	200	6	55	2000	3	3	12.4	136	39.3
TCN4227M020#0100E	4	220	20	85	440	10	100	1380	5	4	27.2	305	61.1
						25 Volt @							
TCNT226M025#0200E	T	22	25	105	55	6	200	700	3	4	4.3	364	43.9
TCNT336M025#0250E	T	33	25	105	82.5	10	250	600	3	4	6.5	547	65.8
TCNX476M025#0100E	X	47	25	105	117.5	6	100	1300	2	5	9.2	195	29.3
TCJD686M025#0070E	D	68	25	105	170	6	70	1800	2	3	13.3	146	42.3
TCJD107M025#0070E	D	100	25	105	250	6	70	1800	2	3	19.6	215	62.3
TCN4107M025#0100E	4	100	25	105	250	6	100	1380	2	4	19.6	219	43.9
TCN4157M025#0070E	4	150	25	105	375	6	70	1650	2	4	29.3	329	65.9
TCN4227M025#0100E	4	220	25	105	550	10 35 Volt @	100 85°C	1380	3	4	43.0	483	96.7
TCNL475M035#0300E	L	4.7	35	105	16.5	6	300	600	2	5	1.8	186	18.6
TCNT475M035#0200E	Т	4.7	35	105	16.5	10	200	700	3	4	1.8	154	18.6
TCNT106M035#0200E	Т	10	35	105	35	10	200	700	3	4	3.9	328	39.5
TCJC156M035#0200E	С	15	35	105	52.5	6	200	900	3	3	5.8	116	30.3
TCJD226M035#0100E	D	22	35	105	77	6	100	1500	2	3	8.5	94	27.1
TCJD336M035#0070E	D	33	35	105	115.5	6	70	1800	2	3	12.8	141	40.7
TCNX476M035#0150E	Х	47	35	105	165	10	150	1100	3	4	18.2	387	58.0
TCN4107M035#0100E	4	100	35	105	350	10	100	1380	2	3	38.8	435	87.1
						50 Volt @	85°C						
TCJC685M050#0200E	С	6.8	50	105	34	8	200	900	3	3	5.4	108	28.2
TCJD106M050#0120E	D	10	50	105	50	10	120	1400	3	3	8.0	87	25.3
TCJE156M050#0070E	E	15	50	105	75	6	70	1900	3	3	11.9	93	38

Energy is calculated by this formula (consider derating factor):

Energy = $\frac{1}{2}$ C x ((Vr x X)² - Vx²)

where C = Capacitance Vr = Rated Voltage

X = Recommended derating factor

Vx= 3V (invariable)

Moisture Sensitivity Level (MSL) is defined according to J-STD-020. All technical data relates to an ambient temperature of +25°C. Capacitance is measured at 120Hz, 0.5RMS with DC bias of 2.2 volts. DCL is measured at

ESR allowed to move up to 1.25 times catalog limit post mounting.

For typical weight and composition see page 276.

rated voltage after 5 minutes.

NOTE: AVX reserves the right to supply higher voltage ratings in the same case size, to the same reliability standards.

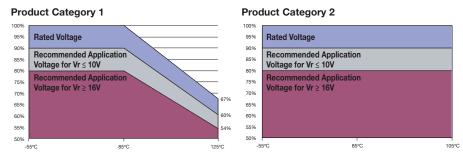




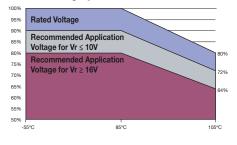
Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors

RECOMMENDED DERATING FACTOR

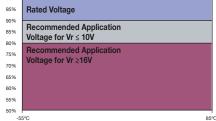
Voltage and temperature derating as percentage of Vr



Product Category 3



Product Category 5





Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors

PRODUCT CATEGORY 1 (TEMPERATURE RANGE -55°C TO +125°C)

TEST		Condition	Condition Characteristics								
				Visual examination	no visibl	e damage					
	Apply rate	ed voltage (Ur) at 85°C	and /or 2/3 rated	DCL	1.25 x in	itial limit					
Endurance	voltage (l	ed voltage (Ur) at 85°C Jr) at 125°C for 2000 h pedance of ≤0.1Ω/V. S ure for 1-2 hours befor	nours through a	ΔC/C	within ±	20% of initia	l value				
	temperat	ure for 1-2 hours befor	e measuring.	DF	1.5 x init	1.5 x initial limit					
				ESR	2 x initia	2 x initial limit					
Storage Life				Visual examination	no visibl	no visible damage					
	Store at 1	25°C, no voltage appli	ied, for 2000 hours.	DCL	2 x initia	2 x initial limit					
Storage Life		at room temperature f		ΔC/C	within ±	within ±20% of initial value					
Humidity	measurin	g.		DF	1.5 x init	1.5 x initial limit					
				ESR	2 x initia	2 x initial limit					
	Store at 65°C and 95% relative humidity for 500 hours, with no applied voltage. Stabilize at room		Visual examination	no visib	no visible damage						
	hours with no applied voltage Stabilize at room			DCL	3 x initia	3 x initial limit					
temperature and humic				ΔC/C	within +	within +30/-20% of initial value					
	measurin	,	-2 flours before	DF	1.5 x ini	1.5 x initial limit					
Tomporoture		9.		ESR	2 x initia	2 x initial limit					
Temperature Stability	Step	Temperature°C +20	Duration(min) 15		+20°C	-55°C	+20°C	+85°C	+125°C	+20°0	
	2	-55	15	DCL	IL*	n/a	IL*	10 x IL*	12.5 x IL*	IL*	
	3 4	+20 +85	15 15	ΔC/C	n/a	+0/-20%	±5%	+20/-0%	+30/-0%	±5%	
	<u>5</u>	+125 +20	15 15	DF	IL*	1.5 x IL*	IL*	1.5 x IL*	2 x IL*	IL*	
				Visual examination	no visibl	e damage					
		2.3x rated voltage (Ur)		DCL	initial lin	nit					
Surge Voltage		duration 6 min (30 sec c) through a charge / disc		40/0	within +	10/-20% of i	nitial valu	e for Vr ≤ 10)V		
voitage	1000Ω) tillough a charge / uls	criarge resistance of	ΔC/C	within +:	20/-30% of i	nitial valu	e for Vr ≥ 16	5V		
				DF	1.25 x in	itial limit					
				Visual examination	no visib	le damage					
Mechanical				DCL	initial lii	mit					
Shock	MIL-STD-	202, Method 213, Cond	dition C	ΔC/C	within ±	:5% of initia	al value				
SHOCK				DF	initial lii	mit					
				ESR	initial lii	mit					
				Visual examination	no visib	le damage					
				DCL	initial li	mit					
Vibration	MIL-STD-	202, Method 204, Cond	dition D	ΔC/C	within ±	5% of initia	al value				
				DF	initial lii	mit					
				ESR	initial lii	nit					

^{*}Initial Limit

Initial measurement max. 1hr after the removal from dry pack or after pretreatment at 85°C for 24 hours.



Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors

PRODUCT CATEGORY 2, 3 (TEMPERATURE RANGE -55°C TO +105°C)

TEST		Condition			Cha	aracterist	ics					
	Apply rated voltage (Ur) at 85°C for 2000 hours	Visual examination	no visibl	e damage								
	through a	ed voitage (Ur) at 85°C circuit impedance of	or 2000 nours ≤0.1Ω/V (all	DCL	1.25 x in	itial limit						
Endurance	CATEGOR (CATEGOR 3) at 105°	RIES). And / or apply ra RIY 2) or 0.8x rated vol C for 2000 hours throus the of ≤0.1Ω/V. Always cure for 1-2 hours befor	ated voltage (Ur) tage (CATEGORY ugh a circuit	ΔC/C	1	10/-20% of i 20% of initia		ue for Vr ≤ 1 or Vr ≥ 20V	6V			
	impedano	ce of ≤0.1Ω/V. Always	stabilize at room	DF	1.5 x init	1.5 x initial limit						
	temperati	ure for 1-2 flours befor	e measuring.	ESR	2 x initia	2 x initial limit						
				Visual examination	no visibl	no visible damage						
				DCL	1.25 x in	itial limit						
Storage Life	hours. Sta	05°C, no voltage appli abilize at room temper fore measuring.		ΔC/C	1	within +10/-20% of initial value for Vr ≤ 16V within ±20% of initial value for Vr ≥ 20V						
Humidity	liouis bei	ore measuring.		DF	1.5 x init	1.5 x initial limit						
				ESR	2 x initia	2 x initial limit						
	Store at 65°C and 95% relative humidity for 500 hours, with no applied voltage. Stabilize at room			Visual examination	no visib	no visible damage						
				DCL	3 x initia	al limit						
Humidity		th no applied voltage. I ure and humidity for 1		ΔC/C	within +	within +30/-20% of initial value						
	measurin	•	2 Hours before	DF	1.5 x ini	1.5 x initial limit						
		<u> </u>		ESR	2 x initia	2 x initial limit						
Temperature	Step 1	Temperature°C +20	Duration(min) 15		+20°C	-55°C	+20°C	+85°C	+105°C	+20°C		
	2	-55	15	DCL	IL*	n/a	IL*	10 x IL*	12.5 x IL*	IL*		
Stability	3 4	+20 +85	15 15	ΔC/C	n/a	+0/-20%	±5%	+20/-0%	+30/-0%	±5%		
	5 6	+105 +20	15 15	DF	IL*	1.5 x IL*	IL*	1.5 x IL*	2 x IL*	IL*		
				Visual examination	no visibl	e damage						
		k rated voltage (Ur) at 10 KY 2, or apply 1.3x 0.8x ra		DCL	initial lim	nit						
Surge Voltage	105°C for	CATEGORY 3 for 1000 of	cycles of duration 6	40/0	within +	10/-20% of i	nitial valu	e for Vr ≤ 16	δV			
		ec charge, 5 min 30 sec		ΔC/C	within +2	20/-30% of i	nitial valu	e for Vr ≥ 20	V			
	a charge /	discharge resistance o	1 10000	DF	1.25 x in	itial limit						
				Visual examination	no visib	le damage						
Mechanical				DCL	initial lir	mit						
Shock	MIL-STD-	202, Method 213, Con	dition C	ΔC/C	within ±	5% of initia	al value					
SHOCK				DF	initial lir	mit						
				ESR	initial lir	mit						
				Visual examination	no visib	le damage						
				DCL	initial lir	mit						
Vibration	MIL-STD-:	202, Method 204, Con	dition D	ΔC/C	within ±	5% of initia	al value					
				DF	initial lir	mit						
				ESR	initial lir	mit						

^{*}Initial Limit

Initial measurement max. 1hr after the removal from dry pack or after pretreatment at 85°C for 24 hours.



Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors

PRODUCT CATEGORY 5 (TEMPERATURE RANGE -55°C TO +85°C)

TEST		Condition			Chara	acteristics					
				Visual examination	no visible o	lamage					
	Apply rated!	ogo (Ur) at 0500	for 2000 have	DCL	1.25 x initia	al limit					
Endurance	through a circui at room temper	age (Ur) at 85°C it it impedance of ≤ ature for 1-2 hour	0.1Ω/V. Stabilize s before	ΔC/C		within +10/-20% of initial value for Vr ≤ 16V within ±20% of initial value for Vr ≥ 20V					
	measuring.			DF	1.5 x initial	limit					
				ESR	2 x initial lir	2 x initial limit					
				Visual examination	no visible o	no visible damage					
				DCL	1.25 x initia	al limit					
Storage Life	Store at 85°C, no voltage applied, for 2000 hours. Stabilize at room temperature for 1-2 hours before measuring.			ΔC/C		within +10/-20% of initial value for Vr ≤ 16V within ±20% of initial value for Vr ≥ 20V					
	before measurii	ng.		DF	1.5 x initial limit						
				ESR	2 x initial lir	2 x initial limit					
				Visual examination	no visible	damage					
		nd 95% relative h	,	DCL	5 x initial I	imit					
Humidity		applied voltage. S d humidity for 1-2		ΔC/C	within +40	/-20% of init	ial value				
	measuring.	a namaty for 1-2	Tiours before	DF	1.5 x initia	1.5 x initial limit					
				ESR	2 x initial I	2 x initial limit					
	Step 1	Temperature°C +20	Duration(min)		+20°C	-55°C	+20°C	+85°C	+20°C		
Temperature	2	-55	15	DCL	IL*	n/a	IL*	10 x IL*	IL*		
Stability	3 4	+20 +85	15 15	ΔC/C	n/a	+0/-20%	±5%	+20/-0%	±5%		
	5	+20	15	DF	IL*	1.5 x IL*	IL*	1.5 x IL*	IL*		
				Visual examination	no visible d	lamage					
0	Apply 1.3x rated	voltage (Ur) at 85° n (30 sec charge, 5	C for 1000 cycles	DCL	initial limit						
Surge Voltage		n (30 sec charge, 5 gh a charge / discl		ΔC/C	within +10/	/-20% of initia	l value for Vi	′≤16V			
voltage	of 1000Ω	g	g	Д0/С	within +20/	/-30% of initia	l value for Vi	r≥20V			
				DF	1.25 x initia	al limit					
				Visual examination	no visible	damage					
Mechanical				DCL	initial limit	<u>'</u>					
Shock	MIL-STD-202, M	lethod 213, Condi	tion C	ΔC/C	within ±5%	of initial va	lue				
SHOCK				DF	initial limit	:					
				ESR	initial limit	İ					
				Visual examination	no visible						
				DCL	initial limit						
Vibration	MIL-STD-202, M	lethod 204, Condi	tion D	ΔC/C		6 of initial va	lue				
				DF	initial limit	:					
				ESR	initial limit	:					

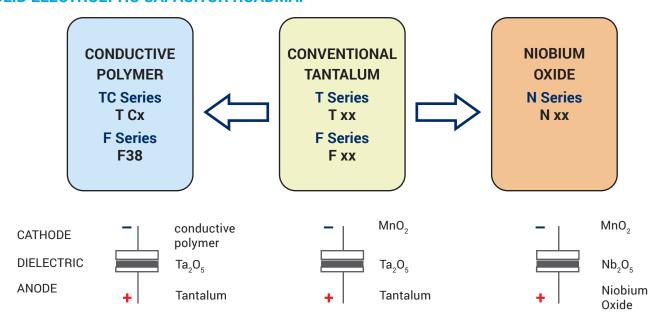
*Initial Limit

Initial measurement max. 1hr after the removal from dry pack or after pretreatment at 85°C for 24 hours.

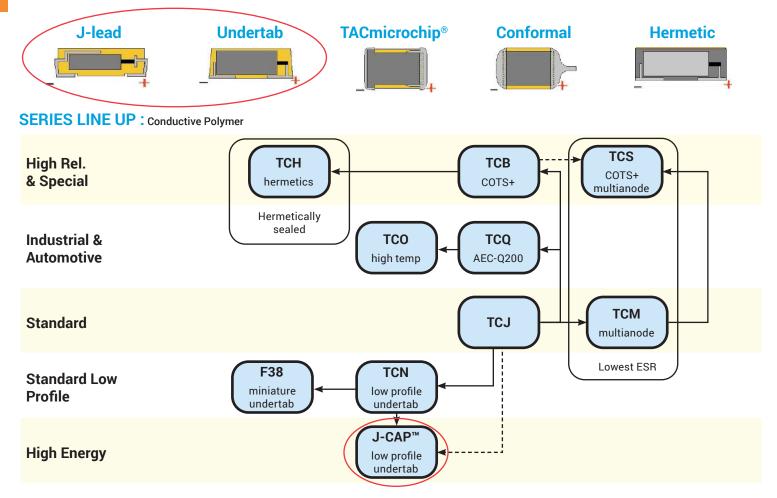


Highest Joules/cc Conductive Polymer Solid Electrolytic Chip Capacitors

SOLID ELECTROLYTIC CAPACITOR ROADMAP



FIVE CAPACITOR CONSTRUCTION STYLES



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

AVX:

TCJH157M006R020	TCJT476M006R0080	TCJT336M010R0070	TCJT476M006R0120	TCJD106M050R0120
TCJT686M004R0080	TCJC336M010R0100	TCJC476M010R0100	TCJT107M004R0150	TCJT336M010R0150
TCJT476M004R0080	TCJT226M006R0150	TCJT336M006R0150	TCJC686M006R0100	TCJT226M010R0150
TCJT106M016R0150	TCJC156M035R0200	TCJC226M025R0100	TCJC475M035R0200	TCJC685M035R0200
TCJD156M035R0070	TCJD156M035R0100	TCJD226M025R0060	TCJD226M025R0100	TCJD226M035R0070
TCJD226M035R0100	TCJD336M025R0060	TCJD336M025R0100	TCJD336M035R0070	TCJD336M035R0100
TCJD476M025R0060	TCJD476M025R0100	TCJE106M050R0070	TCJE156M050R0070	TCJE336M035R0055
TCJE476M025R0050	TCJE476M035R0055	TCJE686M025R0050	TCJC106M035R0200	TCJT106M016R0200
TCJC155M050R0300	TCJC225M050R0300	TCJC475M050R0200	TCJC685M050R0200	TCJD685M050R0120
TCJC225M063R0200	TCJC335M063R0200	TCJD475M063R0120	TCJD475M075R0150	TCJD685M063R0120
TCJD685M075R0120	TCJE106M063R0100	TCJE685M063R0100	TCJC475M063R0200	TCJC105M063R0300
TCJC155M063R0300	TCJE107M016R0040	TCJE107M020R0045	TCJE157M016R0040	TCJE686M020R0045
TCJC105M063S0300	TCJC155M063S0300	TCJC225M063S0200	TCJC335M063S0200	TCJC475M063S0200
TCJD475M063S0120	TCJD475M075S0150	TCJD685M063S0120	TCJD685M075S0120	TCJE106M063S0100
TCJE107M016S0040	TCJE107M020S0045	TCJE157M016S0040	TCJE685M063S0100	TCJE686M020S0045
TCJT476M006R0070	TCJT107M006R0200	TCJT686M006R0200	TCJD337M006R0050	TCJD227M006R0050
TCJD337M006R0040	TCJD337M004R0050	TCJD477M004R0050	TCJD107M020R0055	TCJD477M002R0050
TCJD686M020R0055	TCJD335M125R0250	TCJD157M010R0045	TCJD227M010R0050	TCJD227M010R0040
TCJD157M010R0055	TCJE107M025R0080	TCJD107M010R0055	TCJD477M004R0040	TCJD477M002R0040
TCJT107M006R0070	TCJD107M010R0045	TCJD227M006R0040	TCJD337M004R0040	TCJD157M010R0040