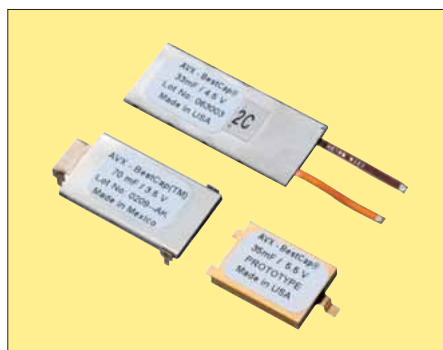
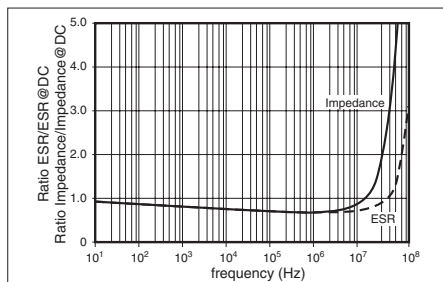




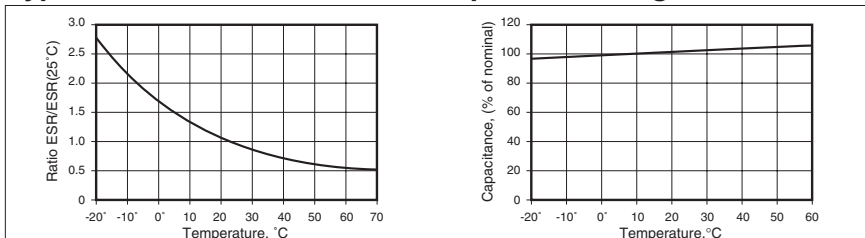
Pb Free

RoHS Compliant

Impedance and ESR Versus Frequency



Typical Characteristics Over Temperature Range:



Specifications

AVX Part Number	Rated Voltage	Cap(mF) (+80%, -20%)	ESR(mΩ@1kHz)		Leakage(μA) Max.	Thickness(mm) Max.	Terminal type Option
			Typ.	Max.			
BZ013B503Z_B	3.6V	50	100	120	5	2.1	S
BZ013A703Z_B		70	140	168	5	2.9	A,H,S
BZ013A144Z_B		140	70	84	5	4.7	A,H,S
BZ014B333Z_B	4.5V	33	150	180	5	2.4	S
BZ014B453Z_B		45	60	72	10	2.6	S
BZ014B683Z_B		68	50	60	10	3.5	S
BZ014B154Z_B		150	65	78	10	4.4	S
BZ015B303Z_B	5.5V	30	160	192	5	2.7	S
BZ015A503Z_B		50	160	192	5	3.5	A,H,S
BZ015B603Z_B		60	80	96	10	4.8	A,H,S
BZ015A104Z_B		100	80	96	10	6.1	A,H,S
BZ017A333Z_B	7.0V	33	225	270	5	4.5	A,H,S
BZ019B253Z_B	9.0V	25	250	300	10	4.9	A,L,S
BZ019A333Z_B		33	250	300	5	4.9	A,H,S
BZ01CA223Z_B	12.0V	22	350	420	5	6.5	A,H,S
BZ023A284Z_B	3.6V	280	45	54	20	2.9	A,H,L
BZ023A564Z_B		560	25	30	40	4.7	A,H,L
BZ025A204Z_B	5.5V	200	60	72	20	3.5	A,H,L
BZ025A404Z_B		400	35	42	40	6.1	A,H,L
BZ029A124Z_B	9.0V	120	70	84	20	6.1	A,H,L
BZ02CA903Z_B	12.0V	90	90	108	20	6.8	A,H,L
BZ053B503Z_B	3.5V	50	85	102	5	3.8	S
BZ055B153Z_B	5.5V	15	250	300	5	2.7	S
BZ055B333Z_B		33	125	150	10	4.8	S
BZ055A683Z_B		68	125	150	10	6.1	S
BZ05CA103Z_B		10	500	600	5	6.0	S
BZ062A154Z_B	2.2V	150	80	96	10	1.95	T
BZ064C333P_B	4.5V	33	95	114	5	1.7	T

Note: For other voltage/capacitance/size, please contact your local AVX representative or sales office.

Features

- High specific capacitance
- 0.03 Farad to 0.56 Farad
- Very low ESR down to 25 milliOhm.
- Low profile: down to 2.1mm height
- High power pulse capability
- Leakage current 5-40 micro Amperes
- Non-polar
- Foot prints 28×17mm or 48×30mm
- Voltage ratings 3.5V-12V

Applications

- GSM/GPRS wireless communication products
- ADSL/xDSL and other communication equipment
- Automatic meter reading systems
- Wireless alarm systems
- Memory back-up
- Mainframe computer de-coupling
- Hybrid battery packs
- Portable medical laser

How to Order

BZ 01 5 A 503 Z A B AJ
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①Series(BZ: BestCap)

②Size

01	28×17mm	02	48×30mm
05	20×15mm	06	39×17mm

③Rated Voltage(VDC)

3	3.5	7	7.0
4	4.5	9	9.0
5	5.5	C	12.0

④A: Standard

⑤Capacitance(μF)

(2 digits significant figures+O's)

ex:		204	200mF
603	60mF	284	280mF
124	120mF	564	560mF

⑥Tolerance

Z	+80%, -20%	P	+100%, -0%
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⑦Lead Types

A	Through Hole	L, S	Surface Mount
T	Flex lead	W	Wired
H	Through Hole with stand off		

⑧Package

B	Bulk in tray
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⑨Custom part suffix code