BestCap®
Pulse Supercapacitors

AVX's BestCap® technology provides excellent high power pulse characteristics based upon the combination of very high capacitance and ultra-low ESR, together with extremely low leakage current.

Based on a unique patented aqueous chemistry and an innovative design, this series offers high capacitance, even with short pulse applications such as in GSM, GPRS, Edge and PCS based systems.

While BestCap® technology offers more efficient energy savings in battery circuits than conventional supercapacitors, its Low ESR results in a high current handling capability, making this an ideal solution for any portable or wireless device requiring high power availability.

The Low Profile versions are ideally suited to PCMCIA, PDA, DSC and similar applications.

Check for up-to-date CV Tables at
http://www.avx.com/docs/catalogs/bestcap.pdf

HOW TO ORDER

(See Detailed Electrical Specifications for valid combinations)

BZ	0	1	5	A	503	Z	A	B	XX
BestCap®	**Standard**	**Case Size** 1 = 28mmx17mm 2 = 48mmx30mm 5 = 20mmx15mm	**Rated Voltage** 3 = 3.6V 4 = 4.5V 5 = 5.5V 7 = 7.0V 9 = 9.0V C = 12.0V	**Series** A = Maximum Capacitance B = Low Profile	**Capacitance Code (Farad Code)**	**Capacitance Tolerance** Z = (-20/+80)%	**Lead Format** A, H, L or S	**Packaging** B = Bulk	**Not Used For Standard Product (Consult Factory For Special Requirements)**

A-SERIES – MAXIMUM CAPACITANCE

Capacitance		Rated Voltage DC at 25°C									
mF	Code	3.6V		5.5V		7.0V		9.0V		12.0V	
		Case Size	Lead Styles	Case Size	Lead Styles	Case Size	Lead Styles	Case Size	Lead Styles	Case Size	Lead Styles
10	103									BZ05	S
22	223									BZ01	A, H, S
33	333			BZ05	S	BZ01	A, H, S	BZ01	A, H, S		
47	473									BZ11	S
50	503			BZ01	A, H, S						
68	683			BZ05	S						
70	703	BZ01	A, H, S								
90	903									BZ02	A, H, L
100	104			BZ01	A, H, S						
120	124							BZ02	A, H, L		
140	144	BZ01	A, H, **S**								
150	154										
200	204			BZ02	A, H, L						
280	284	BZ02	A, H, L								
400	404	BZ11	S	BZ02	A, H, L, S						
560	564	BZ02	A, H, L								
1000	105			BZ12	S						

■ Available
■ In Development

B-SERIES – LOW PROFILE

Capacitance		Rated Voltage DC at 25°C									
mF	Code	3.6V		4.5V		5.5V		9.0V		12.0V	
		Case Size	Lead Styles	Case Size	Lead Styles	Case Size	Lead Styles	Case Size	Lead Styles	Case Size	Lead Styles
15	153					BZ05	S			BZ01	A, H, S
22	223			BZ05	S			BZ01	A, H, S		
30	303					BZ01	S				
33	333			BZ01	S	BZ05	S				
47	473					BZ15	S				
50	503	BZ01	S								
60	603					BZ01	A, H, **S**				

■ Available
■ In Development