PowerStor®

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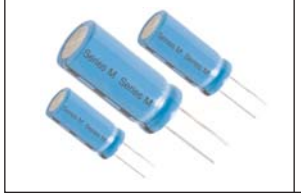
Product Series Image	Series Designation	Capacitance (F)	ESR (Ω) 1000Hz	ESR (Ω) 100Hz	Nominal Voltage (V)	Operating Temperature	Size (mm)	Leakage Current (μA)*	Applications**	Notes
	B	0.22	-	2.0	2.5	-25°C to +70°C	5x11	2	Low Current Hold-up RTC& Memory Back-up	
		1	-	0.5			8x13	4		
		1.5	-	0.3			10x14	7		
		2.2	-	0.2			8x20	9		
	HB	3	0.150	0.160	2.5	-25°C to +70°C	8x20	7	Pulse Power Hold-up Power RTC & Memory Back-up RAID Data Storage Toys Flashlights Emergency Lights	Linear Voltage Derating to +85°C @ 2.1V
		5	0.095	0.100			10x20.5	11		
		6	0.095	0.100			8x30	11		
		10	0.060	0.060			10x30	20		
		15	0.045	0.050			13x26	22		
		25	0.036	0.040			16x25	28		
		35	0.028	0.030			16x35	32		
		60	0.023	0.025			18x40	47		
		110	0.018	0.020			18x60	180		
	HV	1	0.150	0.200	2.7	-40°C to +65°C	8x10	10	Pulse Power Hold-up Power Asset Tracking Solid State Drives (SSD) AMR GPS Telecom UPS Emergency Lights	Linear Voltage Derating to +85°C @ 2.1V
		3	0.060	0.080			8x20	15		
		5	0.038	0.040			10x20.5	20		
		6	0.038	0.040			8x30	20		
		10	0.032	0.034			10x30	23		
		15	0.020	0.030			13x26	23		
		25	0.025	0.027			16x25	45		
		35	0.022	0.024			16x35	98		
		60	0.016	0.018			18x40	110		
		100	0.010	0.012			18x60	260		
	M	1	0.210	0.250	2.5	-40°C to +60°C	8x13	-	Pulse Power AMR Asset Tracking Remote Monitoring	Linear Voltage Derating to +85°C @ 2.0V
		2	0.075	0.100			8x20	-		
		3	0.035	0.050			10x20.5	-		
		6	0.025	0.035			10x30	-		
		9	0.020	0.300			13x26	-		

* Leakage current measured after 72 hours at full rated voltage and room temperature.
** The listed applications are general. Please contact your local Cooper Bussmann sales, FAE team for specific recommendations.

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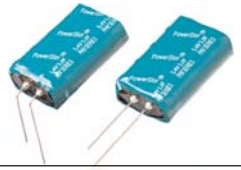
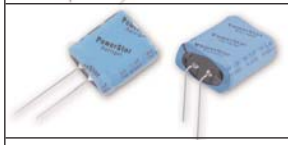
	PB	0.1 0.47 1	- - -	4.0 1.0 0.5	5	-25°C to +70°C	5.5x10.8x12.5 8.5x16.8x14 8.5x16.8x21.5	3 7 12	Low Current Hold-up RTC & Memory Back-up	
	PHB	1.5 2.5 3 5	0.310 0.190 0.190 0.120	0.330 0.200 0.200 0.130	5	-25°C to +70°C	8.5x16.8x21.5 10.5x20.8x22.5 8.5x16.8x31.5 10.5x20.8x32	10 14 16 25	Pulse Power Hold-up Power RTC & Memory Back-up	Linear Voltage Derating to +85C @ 4.0V
	PHV	0.47 1.5 2.5 3 5	0.300 0.100 0.070 0.070 0.065	0.400 0.160 0.080 0.080 0.070	5.4	-40°C to +65°C	8.5x16.8x14 8.5x16.8x21.5 10.5x20.8x22.5 8.5x16.8x31.5 10.5x20.8x32	13 18 24 25 28	Pulse Power AMR Asset Tracking Remote Monitoring	Linear voltage Derating to +85C @ 4.0V
	PM	0.47 1 1.5 3	0.420 0.150 0.070 0.050	0.500 0.200 0.100 0.070	5	-40°C to +60°C	8.5x16.8x14 8.5x16.8x21.5 10.5x20.8x22.5 10.5x20.8x32	8 10 15 20	Pulse Power AMR Asset Tracking Remote Monitoring	Linear voltage Derating to +85C @ 3.9V
	KR (C Type)	0.1 0.22 0.33 0.47 1 1.5	75 75 50 50 30 30	- - - - - -	5.5	-25°C to +70°C	13.5x7.5 13.5x7.5 13.5x7.5 13.5x7.5 21.5x7.5 21.5x7.5	0.6 1.3 2 2.8 6 9	RTC Memory Back-up	Ultra-low Leakage Current
	KR (V Type)	0.1 0.22 0.33 0.47 1 1.5	75 75 50 50 30 30	- - - - - -	5.5	-25°C to +70°C	11.5x12.5 11.5x12.5 11.5x12.5 11.5x12.5 19x19.5 19x19.5	0.6 1.3 2 2.8 6 9	RTC Memory Back-up	Ultra-low Leakage Current
	KR (H Type)	0.1 0.22 0.33 0.47 1 1.5	75 75 50 50 30 30	- - - - - -	5.5	-25°C to +70°C	11.5x5 11.5x5 11.5x5 11.5x5 19x6.5 19x6.5	0.6 1.3 2 2.8 6 9	RTC Memory Back-up	Ultra-low Leakage Current

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