

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

* 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

* Leakage current measured after 72 hours at full rated voltage and room temperature.

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