

PREMIUM PRODUCT LINE:

- Broad Capacitance Range
- Increased Volumetric Efficiency
- Low ESR
- Standard Ratings

GENERAL SPECIFICATIONS:

Capacitance Range:	300 to 140,000 μ F
Voltage Range:	50 to 250 WVDC
Capacitance Tolerance:	-10% / +50% Standard
Operating Temperature:	-40°C to +85°C
Life @ 85°C:	3,000 Hrs.
Terminals:	10-32 High Post – Standard
	(Other terminal configurations available)

RIPPLE CURRENT APPLICATION GUIDELINES:

RIPPLE CURRENT FREQUENCY MULTIPLIERS					
100 Hz	120 Hz	400 Hz	4 KHz	10 KHz	20 KHz
0.97	1.00	1.10	1.15	1.25	1.25

RIPPLE CURRENT TEMPERATURE MULTIPLIERS					
85	75	65	55	45	35
1.0	1.4	1.7	2.0	2.3	2.5

FOR COMPLETE APPLICATION SPECIFICATION DETAILS SEE
APPLICATION GUIDELINES SECTION OF CATALOG



Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (WVDC)	Capacitance (μF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
50	5,000	23B 502 F 050 BB 1H1	1.375	2.125	0.0285	7.2
	7,000	23B 702 F 050 BC 1H1	1.375	2.625	0.0199	9.5
	9,000	23B 902 F 050 BD 1H1	1.375	3.125	0.0159	11.5
	12,000	23B 123 F 050 BE 1H1	1.375	3.625	0.0129	13.6
	14,000	23B 143 F 050 BF 1H1	1.375	4.125	0.0117	15.2
	16,000	23B 163 F 050 BG 1H1	1.375	4.625	0.0109	16.6
	18,000	23B 183 F 050 BH 1H1	1.375	5.125	0.0103	17.9
	20,000	23B 203 F 050 BI 1H1	1.375	5.625	0.0099	19.1
	9,100	23B 912 F 050 CB 1H1	1.750	2.125	0.0157	11.2
	13,000	23B 133 F 050 CC 1H1	1.750	2.625	0.0123	13.9
	17,000	23B 173 F 050 CD 1H1	1.750	3.125	0.0106	16.1
	22,000	23B 223 F 050 CE 1H1	1.750	3.625	0.0095	18.1
	25,000	23B 253 F 050 CF 1H1	1.750	4.125	0.0091	19.6
	29,000	23B 293 F 050 CG 1H1	1.750	4.625	0.0087	21.1
	33,000	23B 333 F 050 CH 1H1	1.750	5.125	0.0084	22.5
	37,000	23B 373 F 050 CI 1H1	1.750	5.625	0.0082	23.8
	12,000	23B 123 F 050 DB 1H1	2.000	2.125	0.0129	13.4
	17,000	23B 173 F 050 DC 1H1	2.000	2.625	0.0106	16.1
	22,000	23B 223 F 050 DD 1H1	2.000	3.125	0.0095	18.3
	28,000	23B 283 F 050 DE 1H1	2.000	3.625	0.0088	20.3
	32,000	23B 323 F 050 DF 1H1	2.000	4.125	0.0085	21.9
	38,000	23B 383 F 050 DG 1H1	2.000	4.625	0.0082	23.5
	43,000	23B 433 F 050 DH 1H1	2.000	5.125	0.0080	24.9
	48,000	23B 483 F 050 DI 1H1	2.000	5.625	0.0078	26.3
	37,000	23B 373 F 050 ED 1H1	2.500	3.125	0.0082	22.4
	46,000	23B 463 F 050 EE 1H1	2.500	3.625	0.0079	24.4
	53,000	23B 533 F 050 EF 1H1	2.500	4.125	0.0077	26.1
	62,000	23B 623 F 050 EG 1H1	2.500	4.625	0.0075	27.7
	71,000	23B 713 F 050 EH 1H1	2.500	5.125	0.0074	29.2
	79,000	23B 793 F 050 EI 1H1	2.500	5.625	0.0073	30.7
	53,000	23B 533 F 050 FD 1H1	3.000	3.125	0.0077	25.8
	70,000	23B 703 F 050 FE 1H1	3.000	3.625	0.0074	27.9
	80,000	23B 803 F 050 FF 1H1	3.000	4.125	0.0073	29.7
	90,000	23B 903 F 050 FG 1H1	3.000	4.625	0.0072	31.3
	100,000	23B 104 F 050 FH 1H1	3.000	5.125	0.0072	32.9
	120,000	23B 124 F 050 FI 1H1	3.000	5.625	0.0071	34.5
120,000	23B 124 F 050 FJ 1H1	3.000	5.875	0.0071	34.8	
140,000	23B 144 F 050 FL 1H1	3.000	8.625	0.0070	42.0	

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Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (WVDC)	Capacitance (µF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
60	4,700	23B 472 F 060 BB 1H1	1.375	2.125	0.0255	7.6
	6,600	23B 662 F 060 BC 1H1	1.375	2.625	0.0185	9.8
	9,000	23B 902 F 060 BD 1H1	1.375	3.125	0.0146	12.0
	11,000	23B 113 F 060 BE 1H1	1.375	3.625	0.0129	13.6
	13,000	23B 133 F 060 BF 1H1	1.375	4.125	0.0118	15.1
	15,000	23B 153 F 060 BG 1H1	1.375	4.625	0.0110	16.5
	17,000	23B 173 F 060 BH 1H1	1.375	5.125	0.0105	17.8
	19,000	23B 193 F 060 BI 1H1	1.375	5.625	0.0100	19.0
	8,500	23B 852 F 060 CB 1H1	1.750	2.125	0.0152	11.4
	12,000	23B 123 F 060 CC 1H1	1.750	2.625	0.0123	13.9
	16,000	23B 163 F 060 CD 1H1	1.750	3.125	0.0107	16.0
	20,000	23B 203 F 060 CE 1H1	1.750	3.625	0.0099	17.8
	23,000	23B 233 F 060 CF 1H1	1.750	4.125	0.0094	19.3
	27,000	23B 273 F 060 CG 1H1	1.750	4.625	0.0090	20.8
	31,000	23B 313 F 060 CH 1H1	1.750	5.125	0.0087	22.1
	35,000	23B 353 F 060 CI 1H1	1.750	5.625	0.0085	23.4
	11,000	23B 113 F 060 DB 1H1	2.000	2.125	0.0129	13.4
	16,000	23B 163 F 060 DC 1H1	2.000	2.625	0.0107	16.0
	21,000	23B 213 F 060 DD 1H1	2.000	3.125	0.0097	18.1
	26,000	23B 263 F 060 DE 1H1	2.000	3.625	0.0091	19.9
	30,000	23B 303 F 060 DF 1H1	2.000	4.125	0.0088	21.5
	35,000	23B 353 F 060 DG 1H1	2.000	4.625	0.0085	23.0
	40,000	23B 403 F 060 DH 1H1	2.000	5.125	0.0083	24.4
	45,000	23B 453 F 060 DI 1H1	2.000	5.625	0.0082	25.7
	34,000	23B 343 F 060 ED 1H1	2.500	3.125	0.0086	21.9
	43,000	23B 433 F 060 EE 1H1	2.500	3.625	0.0082	23.9
	49,000	23B 493 F 060 EF 1H1	2.500	4.125	0.0080	25.5
	58,000	23B 583 F 060 EG 1H1	2.500	4.625	0.0079	27.1
	66,000	23B 663 F 060 EH 1H1	2.500	5.125	0.0078	28.5
	74,000	23B 743 F 060 EI 1H1	2.500	5.625	0.0077	29.9
	50,000	23B 503 F 060 FD 1H1	3.000	3.125	0.0080	25.2
	62,000	23B 623 F 060 FE 1H1	3.000	3.625	0.0078	27.2
	72,000	23B 723 F 060 FF 1H1	3.000	4.125	0.0077	28.9
	84,000	23B 843 F 060 FG 1H1	3.000	4.625	0.0076	30.6
	100,000	23B 104 F 060 FH 1H1	3.000	5.125	0.0075	32.2
	110,000	23B 114 F 060 FI 1H1	3.000	5.625	0.0074	33.6
	110,000	23B 114 F 060 FJ 1H1	3.000	5.875	0.0074	34.0
	130,000	23B 134 F 060 FL 1H1	3.000	8.625	0.0074	41.0

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Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (WVDC)	Capacitance (µF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
75	3,500	23B 352 F 075 BB 1H1	1.375	2.125	0.0372	6.3
	5,000	23B 502 F 075 BC 1H1	1.375	2.625	0.0239	8.7
	6,700	23B 672 F 075 BD 1H1	1.375	3.125	0.0177	10.9
	8,000	23B 802 F 075 BE 1H1	1.375	3.625	0.0151	12.6
	10,000	23B 103 F 075 BF 1H1	1.375	4.125	0.0128	14.5
	11,000	23B 113 F 075 BG 1H1	1.375	4.625	0.0120	15.8
	13,000	23B 133 F 075 BH 1H1	1.375	5.125	0.0109	17.4
	15,000	23B 153 F 075 BI 1H1	1.375	5.625	0.0102	18.8
	6,500	23B 652 F 075 CB 1H1	1.750	2.125	0.0182	10.4
	9,000	23B 902 F 075 CC 1H1	1.750	2.625	0.0138	13.1
	12,000	23B 123 F 075 CD 1H1	1.750	3.125	0.0114	15.5
	15,000	23B 153 F 075 CE 1H1	1.750	3.625	0.0102	17.5
	18,000	23B 183 F 075 CF 1H1	1.750	4.125	0.0094	19.3
	21,000	23B 213 F 075 CG 1H1	1.750	4.625	0.0089	20.9
	24,000	23B 243 F 075 CH 1H1	1.750	5.125	0.0086	22.4
	26,000	23B 263 F 075 CI 1H1	1.750	5.625	0.0084	23.6
	8,400	23B 842 F 075 DB 1H1	2.000	2.125	0.0145	12.6
	12,000	23B 123 F 075 DC 1H1	2.000	2.625	0.0114	15.5
	16,000	23B 163 F 075 DD 1H1	2.000	3.125	0.0099	18.0
	20,000	23B 203 F 075 DE 1H1	2.000	3.625	0.0091	20.0
	23,000	23B 233 F 075 DF 1H1	2.000	4.125	0.0087	21.7
	27,000	23B 273 F 075 DG 1H1	2.000	4.625	0.0083	23.3
	31,000	23B 313 F 075 DH 1H1	2.000	5.125	0.0080	24.8
	34,000	23B 343 F 075 DI 1H1	2.000	5.625	0.0079	26.1
	26,000	23B 263 F 075 ED 1H1	2.500	3.125	0.0084	22.2
	33,000	23B 333 F 075 EE 1H1	2.500	3.625	0.0079	24.3
	38,000	23B 383 F 075 EF 1H1	2.500	4.125	0.0077	26.0
	44,000	23B 443 F 075 EG 1H1	2.500	4.625	0.0075	27.7
	50,000	23B 503 F 075 EH 1H1	2.500	5.125	0.0074	29.2
	56,000	23B 563 F 075 EI 1H1	2.500	5.625	0.0073	30.7
	38,000	23B 383 F 075 FD 1H1	3.000	3.125	0.0077	25.7
	47,000	23B 473 F 075 FE 1H1	3.000	3.625	0.0075	27.8
	55,000	23B 553 F 075 FF 1H1	3.000	4.125	0.0073	29.6
	64,000	23B 643 F 075 FG 1H1	3.000	4.625	0.0072	31.4
73,000	23B 733 F 075 FH 1H1	3.000	5.125	0.0071	33.0	
82,000	23B 823 F 075 FI 1H1	3.000	5.625	0.0071	34.5	
85,000	23B 853 F 075 FJ 1H1	3.000	5.875	0.0070	34.9	
100,000	23B 104 F 075 FL 1H1	3.000	8.625	0.0070	42.2	

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Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (VVDC)	Capacitance (µF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
80	2,900	23B 292 F 080 BB 1H1	1.375	2.125	0.0332	6.7
	4,100	23B 412 F 080 BC 1H1	1.375	2.625	0.0237	8.7
	5,500	23B 552 F 080 BD 1H1	1.375	3.125	0.0187	10.6
	6,900	23B 692 F 080 BE 1H1	1.375	3.625	0.0161	12.2
	7,900	23B 792 F 080 BF 1H1	1.375	4.125	0.0149	13.5
	9,000	23B 902 F 080 BG 1H1	1.375	4.625	0.0139	14.7
	11,000	23B 113 F 080 BH 1H1	1.375	5.125	0.0127	16.1
	12,000	23B 123 F 080 BI 1H1	1.375	5.625	0.0123	17.1
	5,300	23B 532 F 080 CB 1H1	1.750	2.125	0.0192	10.1
	7,600	23B 762 F 080 CC 1H1	1.750	2.625	0.0152	12.5
	10,000	23B 103 F 080 CD 1H1	1.750	3.125	0.0132	14.4
	13,000	23B 133 F 080 CE 1H1	1.750	3.625	0.0119	16.2
	14,000	23B 143 F 080 CF 1H1	1.750	4.125	0.0116	17.4
	17,000	23B 173 F 080 CG 1H1	1.750	4.625	0.0110	18.9
	19,000	23B 193 F 080 CH 1H1	1.750	5.125	0.0106	20.1
	22,000	23B 223 F 080 CI 1H1	1.750	5.625	0.0103	21.3
	6,900	23B 692 F 080 DB 1H1	2.000	2.125	0.0161	12.0
	10,000	23B 103 F 080 DC 1H1	2.000	2.625	0.0132	14.4
	13,000	23B 133 F 080 DD 1H1	2.000	3.125	0.0119	16.4
	16,000	23B 163 F 080 DE 1H1	2.000	3.625	0.0111	18.0
	19,000	23B 193 F 080 DF 1H1	2.000	4.125	0.0106	19.6
	22,000	23B 223 F 080 DG 1H1	2.000	4.625	0.0103	20.9
	25,000	23B 253 F 080 DH 1H1	2.000	5.125	0.0100	22.2
	28,000	23B 283 F 080 DI 1H1	2.000	5.625	0.0098	23.4
	21,000	23B 213 F 080 ED 1H1	2.500	3.125	0.0104	19.9
	27,000	23B 273 F 080 EE 1H1	2.500	3.625	0.0099	21.8
	31,000	23B 313 F 080 EF 1H1	2.500	4.125	0.0096	23.3
	36,000	23B 363 F 080 EG 1H1	2.500	4.625	0.0094	24.7
	41,000	23B 413 F 080 EH 1H1	2.500	5.125	0.0093	26.1
	46,000	23B 463 F 080 EI 1H1	2.500	5.625	0.0092	27.4
	31,000	23B 313 F 080 FD 1H1	3.000	3.125	0.0096	23.0
	39,000	23B 393 F 080 FE 1H1	3.000	3.625	0.0093	24.9
	45,000	23B 453 F 080 FF 1H1	3.000	4.125	0.0092	26.5
	53,000	23B 533 F 080 FG 1H1	3.000	4.625	0.0090	28.0
	60,000	23B 603 F 080 FH 1H1	3.000	5.125	0.0089	29.5
	67,000	23B 673 F 080 FI 1H1	3.000	5.625	0.0089	30.8
	70,000	23B 703 F 080 FJ 1H1	3.000	5.875	0.0088	31.2
	84,000	23B 843 F 080 FL 1H1	3.000	8.625	0.0087	37.7

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Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (WVDC)	Capacitance (μF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
100	1,500	23B 152 F 100 BB 1H1	1.375	2.125	0.0643	4.8
	2,100	23B 212 F 100 BC 1H1	1.375	2.625	0.0454	6.3
	2,800	23B 282 F 100 BD 1H1	1.375	3.125	0.0344	7.8
	4,000	23B 402 F 100 BF 1H1	1.375	4.125	0.0252	10.3
	4,700	23B 472 F 100 BG 1H1	1.375	4.625	0.0222	11.6
	5,400	23B 542 F 100 BH 1H1	1.375	5.125	0.0199	12.9
	6,000	23B 602 F 100 BI 1H1	1.375	5.625	0.0185	14.0
	2,700	23B 272 F 100 CB 1H1	1.750	2.125	0.0356	7.4
	3,800	23B 382 F 100 CC 1H1	1.750	2.625	0.0263	9.5
	5,100	23B 512 F 100 CD 1H1	1.750	3.125	0.0208	11.5
	6,400	23B 642 F 100 CE 1H1	1.750	3.625	0.0176	13.3
	7,300	23B 732 F 100 CF 1H1	1.750	4.125	0.0161	14.8
	8,600	23B 862 F 100 CG 1H1	1.750	4.625	0.0145	16.4
	10,000	23B 103 F 100 CH 1H1	1.750	5.125	0.0133	17.9
	11,000	23B 113 F 100 CI 1H1	1.750	5.625	0.0126	19.2
	3,500	23B 352 F 100 DB 1H1	2.000	2.125	0.0282	9.0
	5,000	23B 502 F 100 DC 1H1	2.000	2.625	0.0211	11.4
	6,600	23B 662 F 100 DD 1H1	2.000	3.125	0.0173	13.6
	8,200	23B 822 F 100 DE 1H1	2.000	3.625	0.0150	15.6
	9,000	23B 902 F 100 DF 1H1	2.000	4.125	0.0141	17.0
	11,000	23B 113 F 100 DG 1H1	2.000	4.625	0.0126	18.9
	13,000	23B 133 F 100 DH 1H1	2.000	5.125	0.0116	20.7
	14,000	23B 143 F 100 DI 1H1	2.000	5.625	0.0112	22.0
	11,000	23B 113 F 100 ED 1H1	2.500	3.125	0.0126	18.1
	14,000	23B 143 F 100 EE 1H1	2.500	3.625	0.0112	20.5
	16,000	23B 163 F 100 EF 1H1	2.500	4.125	0.0105	22.3
	18,000	23B 183 F 100 EG 1H1	2.500	4.625	0.0100	24.0
	21,000	23B 213 F 100 EH 1H1	2.500	5.125	0.0094	25.9
	23,000	23B 233 F 100 EI 1H1	2.500	5.625	0.0091	27.5
	16,000	23B 163 F 100 FD 1H1	3.000	3.125	0.0105	22.1
	20,000	23B 203 F 100 FE 1H1	3.000	3.625	0.0096	24.5
	23,000	23B 233 F 100 FF 1H1	3.000	4.125	0.0091	26.6
	27,000	23B 273 F 100 FG 1H1	3.000	4.625	0.0086	28.7
	31,000	23B 313 F 100 FH 1H1	3.000	5.125	0.0083	30.6
	34,000	23B 343 F 100 FI 1H1	3.000	5.625	0.0081	32.2
	35,000	23B 353 F 100 FJ 1H1	3.000	5.875	0.0080	32.7
43,000	23B 433 F 100 FL 1H1	3.000	8.625	0.0076	40.2	

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Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (VVDC)	Capacitance (µF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
150	710	23B 711 F 150 BB 1H1	1.375	2.125	0.1283	3.4
	1,000	23B 102 F 150 BC 1H1	1.375	2.625	0.0889	4.5
	1,300	23B 132 F 150 BD 1H1	1.375	3.125	0.0689	5.5
	1,700	23B 172 F 150 BE 1H1	1.375	3.625	0.0528	6.7
	1,900	23B 192 F 150 BF 1H1	1.375	4.125	0.0474	7.5
	2,300	23B 232 F 150 BG 1H1	1.375	4.625	0.0395	8.7
	2,600	23B 262 F 150 BH 1H1	1.375	5.125	0.0352	9.7
	2,900	23B 292 F 150 BI 1H1	1.375	5.625	0.0318	10.7
	1,300	23B 132 F 150 CB 1H1	1.750	2.125	0.0689	5.4
	1,800	23B 182 F 150 CC 1H1	1.750	2.625	0.0500	6.9
	2,400	23B 242 F 150 CD 1H1	1.750	3.125	0.0379	8.5
	3,000	23B 302 F 150 CE 1H1	1.750	3.625	0.0308	10.1
	3,500	23B 352 F 150 CF 1H1	1.750	4.125	0.0268	11.5
	4,100	23B 412 F 150 CG 1H1	1.750	4.625	0.0232	12.9
	4,700	23B 472 F 150 CH 1H1	1.750	5.125	0.0206	14.4
	5,300	23B 532 F 150 CI 1H1	1.750	5.625	0.0186	15.8
	1,700	23B 172 F 150 DB 1H1	2.000	2.125	0.0528	6.6
	2,400	23B 242 F 150 DC 1H1	2.000	2.625	0.0379	8.5
	3,100	23B 312 F 150 DD 1H1	2.000	3.125	0.0299	10.3
	3,900	23B 392 F 150 DE 1H1	2.000	3.625	0.0243	12.2
	4,500	23B 452 F 150 DF 1H1	2.000	4.125	0.0214	13.8
	5,300	23B 532 F 150 DG 1H1	2.000	4.625	0.0186	15.6
	6,100	23B 612 F 150 DH 1H1	2.000	5.125	0.0166	17.3
	6,800	23B 682 F 150 DI 1H1	2.000	5.625	0.0152	18.9
	5,200	23B 522 F 150 ED 1H1	2.500	3.125	0.0189	14.8
	6,500	23B 652 F 150 EE 1H1	2.500	3.625	0.0157	17.2
	7,500	23B 752 F 150 EF 1H1	2.500	4.125	0.0140	19.3
	8,800	23B 882 F 150 EG 1H1	2.500	4.625	0.0124	21.6
	10,000	23B 103 F 150 EH 1H1	2.500	5.125	0.0113	23.7
	11,000	23B 113 F 150 EI 1H1	2.500	5.625	0.0105	25.6
	7,600	23B 762 F 150 FD 1H1	3.000	3.125	0.0139	19.2
	9,000	23B 902 F 150 FE 1H1	3.000	3.625	0.0122	21.8
	11,000	23B 113 F 150 FF 1H1	3.000	4.125	0.0105	24.7
	13,000	23B 133 F 150 FG 1H1	3.000	4.625	0.0094	27.5
	15,000	23B 153 F 150 FH 1H1	3.000	5.125	0.0085	30.2
	16,000	23B 163 F 150 FI 1H1	3.000	5.625	0.0082	32.1
	17,000	23B 173 F 150 FJ 1H1	3.000	5.875	0.0079	33.0
	20,000	23B 203 F 150 FL 1H1	3.000	8.625	0.0071	41.6

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Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (WVDC)	Capacitance (µF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
200	380	23B 381 F 200 BB 1H1	1.375	2.125	0.2502	2.4
	540	23B 541 F 200 BC 1H1	1.375	2.625	0.1600	3.3
	720	23B 721 F 200 BD 1H1	1.375	3.125	0.1137	4.3
	900	23B 901 F 200 BE 1H1	1.375	3.625	0.0885	5.2
	1,000	23B 102 F 200 BF 1H1	1.375	4.125	0.0790	5.8
	1,200	23B 122 F 200 BG 1H1	1.375	4.625	0.0653	6.8
	1,400	23B 142 F 200 BH 1H1	1.375	5.125	0.0559	7.7
	1,600	23B 162 F 200 BI 1H1	1.375	5.625	0.0492	8.6
	690	23B 691 F 200 CB 1H1	1.750	2.125	0.1194	4.1
	1,000	23B 102 F 200 CC 1H1	1.750	2.625	0.0790	5.5
	1,300	23B 132 F 200 CD 1H1	1.750	3.125	0.0602	6.7
	1,600	23B 162 F 200 CE 1H1	1.750	3.625	0.0492	8.0
	1,900	23B 192 F 200 CF 1H1	1.750	4.125	0.0419	9.2
	2,200	23B 222 F 200 CG 1H1	1.750	4.625	0.0368	10.3
	2,500	23B 252 F 200 CH 1H1	1.750	5.125	0.0329	11.4
	2,800	23B 282 F 200 CI 1H1	1.750	5.625	0.0300	12.5
	900	23B 901 F 200 DB 1H1	2.000	2.125	0.0885	5.1
	1,300	23B 132 F 200 DC 1H1	2.000	2.625	0.0602	6.8
	1,700	23B 172 F 200 DD 1H1	2.000	3.125	0.0464	8.3
	2,100	23B 212 F 200 DE 1H1	2.000	3.625	0.0383	9.7
	2,400	23B 242 F 200 DF 1H1	2.000	4.125	0.0341	10.9
	2,900	23B 292 F 200 DG 1H1	2.000	4.625	0.0292	12.4
	3,300	23B 332 F 200 DH 1H1	2.000	5.125	0.0264	13.7
	3,700	23B 372 F 200 DI 1H1	2.000	5.625	0.0242	14.9
	2,800	23B 282 F 200 ED 1H1	2.500	3.125	0.0300	11.7
	3,500	23B 352 F 200 EE 1H1	2.500	3.625	0.0252	13.6
	4,000	23B 402 F 200 EF 1H1	2.500	4.125	0.0229	15.1
	4,700	23B 472 F 200 EG 1H1	2.500	4.625	0.0204	16.8
	5,400	23B 542 F 200 EH 1H1	2.500	5.125	0.0187	18.4
	6,000	23B 602 F 200 EI 1H1	2.500	5.625	0.0175	19.8
	4,000	23B 402 F 200 FD 1H1	3.000	3.125	0.0229	15.0
	5,000	23B 502 F 200 FE 1H1	3.000	3.625	0.0196	17.2
	5,800	23B 582 F 200 FF 1H1	3.000	4.125	0.0179	19.0
	6,800	23B 682 F 200 FG 1H1	3.000	4.625	0.0163	20.9
	7,800	23B 782 F 200 FH 1H1	3.000	5.125	0.0151	22.7
	8,700	23B 872 F 200 FI 1H1	3.000	5.625	0.0142	24.3
	9,100	23B 912 F 200 FJ 1H1	3.000	5.875	0.0139	24.8
	11,000	23B 113 F 200 FL 1H1	3.000	8.625	0.0128	31.1

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Electrolytic Capacitors

23B Series – Premium Product Line

Voltage (WVDC)	Capacitance (µF)	Catalog Number	Base Size (in.)	Height C (in.)	Max ESR 120 Hz@25°C	Max Ripple 120 Hz@85°C
250	300	23B 301 F 250 BB 1H1	1.375	2.125	0.3374	2.1
	420	23B 421 F 250 BC 1H1	1.375	2.625	0.2398	2.7
	560	23B 561 F 250 BD 1H1	1.375	3.125	0.1789	3.4
	700	23B 701 F 250 BE 1H1	1.375	3.625	0.1424	4.1
	810	23B 811 F 250 BF 1H1	1.375	4.125	0.1227	4.7
	1,000	23B 102 F 250 BG 1H1	1.375	4.625	0.0989	5.5
	1,100	23B 112 F 250 BH 1H1	1.375	5.125	0.0897	6.1
	1,200	23B 122 F 250 BI 1H1	1.375	5.625	0.0821	6.6
	540	23B 541 F 250 CB 1H1	1.750	2.125	0.1857	3.3
	770	23B 771 F 250 CC 1H1	1.750	2.625	0.1292	4.3
	1,000	23B 102 F 250 CD 1H1	1.750	3.125	0.0989	5.3
	1,300	23B 132 F 250 CE 1H1	1.750	3.625	0.0757	6.4
	1,500	23B 152 F 250 CF 1H1	1.750	4.125	0.0655	7.3
	1,700	23B 172 F 250 CG 1H1	1.750	4.625	0.0577	8.2
	2,000	23B 202 F 250 CH 1H1	1.750	5.125	0.0491	9.3
	2,200	23B 222 F 250 CI 1H1	1.750	5.625	0.0448	10.2
	700	23B 701 F 250 DB 1H1	2.000	2.125	0.1424	4.0
	1,000	23B 102 F 250 DC 1H1	2.000	2.625	0.0989	5.3
	1,300	23B 132 F 250 DD 1H1	2.000	3.125	0.0757	6.5
	1,700	23B 172 F 250 DE 1H1	2.000	3.625	0.0577	7.9
	1,900	23B 192 F 250 DF 1H1	2.000	4.125	0.0517	8.9
	2,200	23B 222 F 250 DG 1H1	2.000	4.625	0.0448	10.0
	2,600	23B 262 F 250 DH 1H1	2.000	5.125	0.0382	11.4
	2,900	23B 292 F 250 DI 1H1	2.000	5.625	0.0346	12.5
	2,200	23B 222 F 250 ED 1H1	2.500	3.125	0.0448	9.6
	2,700	23B 272 F 250 EE 1H1	2.500	3.625	0.0369	11.2
	3,100	23B 312 F 250 EF 1H1	2.500	4.125	0.0327	12.6
	3,700	23B 372 F 250 EG 1H1	2.500	4.625	0.0282	14.3
	4,200	23B 422 F 250 EH 1H1	2.500	5.125	0.0257	15.7
	4,700	23B 472 F 250 EI 1H1	2.500	5.625	0.0239	16.9
	3,100	23B 312 F 250 FD 1H1	3.000	3.125	0.0327	12.5
	3,900	23B 392 F 250 FE 1H1	3.000	3.625	0.0271	14.6
	4,500	23B 452 F 250 FF 1H1	3.000	4.125	0.0246	16.2
	5,300	23B 532 F 250 FG 1H1	3.000	4.625	0.0224	17.8
	6,100	23B 612 F 250 FH 1H1	3.000	5.125	0.0211	19.2
	6,800	23B 682 F 250 FI 1H1	3.000	5.625	0.0205	20.3
	7,100	23B 712 F 250 FJ 1H1	3.000	5.875	0.0203	20.5
	8,500	23B 852 F 250 FL 1H1	3.000	8.625	0.0202	24.7

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