

GENERAL ELECTRIC ALUMINUM ELECTROLYTIC MODEL NUMBERING SYSTEM

23 B 473 F 025 EF 6 H 1

GE EQUIPMENT MODEL SERIES; DENOTES ELECTROLYTIC CAPACITORS

DENOTES GE SERIES; SEE PRODUCT OFFERING CHART FOR DEFINITION

CAPACITANCE
EXPRESSED IN MICROFARADS. THE FIRST ONE OR TWO DIGITS ARE SIGNIFICANT DIGITS. THE THIRD DIGIT IS THE NUMBER OF ZEROS TO FOLLOW.

CAPACITANCE TOLERANCE
F= -10%, +50%
G= -10%, +75%
M= +/- 20%
K= +/- 10%

DC VOLTAGE RATING
ZEROS ARE USED TO PRECEDE THE VOLTAGE RATING WHERE NECESSARY TO MAKE A 3 DIGIT NUMBER.

CASE SIZE/ HEIGHT
FIRST LETTER, DIAMETER
SECOND LETTER, HEIGHT (SEE CHART 2)

SLEEVE TYPE/ BOTTOM STUD
0= NO SLEEVE/ NO STUD
1= STD PVC SLEEVE/ NO STUD
2= OTHER SLEEVE/ NO STUD
3= UL PVC SLEEVE/ NO STUD
4= SPECIAL SLEEVE/AND OR SPECIAL STUD(FOR SNAP-IN TYPE, DENOTES EPOXY END SEAL)
5= NO SLEEVE/ BOTTOM STUD (SEE CHART 3)
6= PVC SLEEVE/ BOTTOM STUD (SEE CHART 3)
7= OTHER SLEEVE/ BOTTOM STUD (SEE CHART 3)
8= UL SLEEVE/BOTTOM STUD (SEE CHART 3)

TERMINAL TYPES (STANDARD)
H= HIGH POST 10-32 SCREW
L= LOW POST 10-32 SCREW
D= HIGH CURRENT 1/4-28 SCREW
N= HIGH CURRENT HIGH SCREW
P= PC TERMINAL
S= SOLDER LUG
M= HIGH POST- METRIC M5 SCREW
K= HIGH CURRENT - METRIC M6 SCREW

TERMINAL TYPES (SNAP-IN)
A= 2 PIN B= 3 PIN C= 4 PIN

DESIGN NUMBER- ASSIGNED BY FACTORY. ENTER 1 UNLESS ADVISED BY FACTORY

GENERAL ELECTRIC ALUMINUM ELECTROLYTIC ORDERING INFO/ MODEL NUMBER SYSTEM

<i>OLD CAPTECH PRODUCT SERIES</i>	<i>NEW GE SERIES</i>
FA0	23A
FA2	23B
FA3	23A
FA4	23C
FA5	23D
FA6	23C
FA7	23B
FA8	23F
HV3	23H
HV8	23J
FX3	23M
SX3	23T
SX8	23U

CHART 1

<u>CASE SIZE</u>			
BASE CODE	SIZE	HEIGHT CODE	SIZE
B	1.375	B	2.125
C	1.750	C	2.625
D	2.000	D	3.125
E	2.500	E	3.625
F	3.000	F	4.125
		G	4.625
		H	5.125
		I	5.625
		J	5.875
		M	6.625
		K	7.625
		L	8.625
 <i><u>Metric Sizes for Snap-In Product</u></i> 			
Q	25mm	Q	25mm
R	30mm	R	30mm
S	35mm	S	35mm
T	40mm	T	40mm
		U	45mm
		V	50MM
		W	55mm
		X	63mm
		Y	70mm
		Z	80mm

CHART 2

<u>SLEEVE/ BOTTOM STUD CODES</u>		
CODE	SLEEVE TYPE	BOTTOM STUD
0	NONE	NONE
1	PVC	NONE
2	OTHER	NONE
3	UL SLEEVE	NONE
4	OTHER	OTHER
5	NONE	STUD
6	PVC	STUD
7	OTHER	STUD
8	UL SLEEVE	STUD

<u>BOTTOM STUD BASE SIZE CODE</u>	
BASE SIZE	STUD TYPE
B	8mm
C,D,E,F	12mm

CHART 3



GE Power Electrolytic Capacitors

23A SERIES

85 ° C Product
50 to 150 WVDC
900 to 230,000 uF

STANDARD PRODUCT LINE

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

General Specifications

CAPACITANCE RANGE -	900 uF to 230,000 uF
VOLTAGE RANGE -	50 - 150 WVDC
CAPACITANCE TOLERANCE -	- 10 %/ +50 % Standard
OPERATING TEMPERATURE -	- 40° C to +85° C
LIFE @ 85° C-	1000 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
.95	1.0	1.15	1.20	1.35	1.40

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

GE STANDARD LINE DC POWER ELECTROLYTIC PRODUCTS

NOTE: "A" = STANDARD DISTRIBUTOR STOCK ITEM

VOLTAGE RANGE		50-150 WVDC			(ABOVE 150WVDC USE 23M SERIES)			
SERIES	23A	STANDARD SERIES					MAX ESR	MAX RMS RIPPLE
VOLTAGE	MFD RATING	NOTE	GE PART NUMBER	BASE	HEIGHT	120HZ-25C	CURR @ +85 C, 120Hz	
50	7800	A	23A 782 F050 BB 1H1	1.375	2.125	0.0353	4.6	
	11000		23A 113 F050 BC 1H1	1.375	2.625	0.0277	5.7	
	15000	A	23A 153 F050 BD 1H1	1.375	3.125	0.0223	6.9	
	18000		23A 183 F050 BE 1H1	1.375	3.625	0.0197	7.8	
	21000		23A 213 F050 BF 1H1	1.375	4.125	0.0177	8.7	
	25000		23A 253 F050 BG 1H1	1.375	4.625	0.0158	9.7	
	29000		23A 293 F050 BH 1H1	1.375	5.125	0.0144	10.7	
	32000		23A 323 F050 BI 1H1	1.375	5.625	0.0136	11.5	
50	14000		23A 143 F050 CB 1H1	1.750	2.125	0.0234	6.5	
	20000		23A 203 F050 CC 1H1	1.750	2.625	0.0183	8.0	
	27000		23A 273 F050 CD 1H1	1.750	3.125	0.0151	9.5	
	34000		23A 343 F050 CE 1H1	1.750	3.625	0.0131	10.9	
	39000		23A 393 F050 CF 1H1	1.750	4.125	0.0121	12.0	
	46000		23A 463 F050 CG 1H1	1.750	4.625	0.0111	13.3	
	52000		23A 523 F050 CH 1H1	1.750	5.125	0.0104	14.3	
	58000		23A 583 F050 CI 1H1	1.750	5.625	0.0099	15.4	
50	18000	A	23A 183 F050 DB 1H1	2.000	2.125	0.0197	7.7	
	26000		23A 263 F050 DC 1H1	2.000	2.625	0.0154	9.4	
	35000	A	23A 353 F050 DD 1H1	2.000	3.125	0.0129	11.1	
	43000		23A 433 F050 DE 1H1	2.000	3.625	0.0115	12.6	
	50000	A	23A 503 F050 DF 1H1	2.000	4.125	0.0106	13.8	
	59000		23A 593 F050 DG 1H1	2.000	4.625	0.0098	15.2	
	67000		23A 673 F050 DH 1H1	2.000	5.125	0.0092	16.4	
	75000		23A 753 F050 DI 1H1	2.000	5.625	0.0088	17.5	
50	57000		23A 573 F050 ED 1H1	2.500	3.125	0.0100	14.4	
	72000		23A 723 F050 EE 1H1	2.500	3.625	0.0090	16.1	
	83000	A	23A 833 F050 EF 1H1	2.500	4.125	0.0085	17.6	
	100000	A	23A 104 F050 EG 1H1	2.500	4.625	0.0079	19.1	
	110000		23A 114 F050 EH 1H1	2.500	5.125	0.0077	20.3	
	120000		23A 124 F050 EI 1H1	2.500	5.625	0.0074	21.5	
50	83000		23A 833 F050 FD 1H1	3.000	3.125	0.0085	17.4	
	100000		23A 104 F050 FE 1H1	3.000	3.625	0.0079	19.1	
	120000	A	23A 124 F050 FF 1H1	3.000	4.125	0.0074	20.8	
	140000		23A 144 F050 FG 1H1	3.000	4.625	0.0071	22.3	
	160000		23A 164 F050 FH 1H1	3.000	5.125	0.0069	23.8	
	180000	A	23A 184 F050 FI 1H1	3.000	5.625	0.0067	25.1	
	190000		23A 194 F050 FJ 1H1	3.000	5.875	0.0066	25.5	
	230000		23A 234 F050 FL 1H1	3.000	8.625	0.0063	31.2	

GE STANDARD LINE DC POWER ELECTROLYTIC PRODUCTS

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VOLTAGE RANGE		50-150 WVDC		(ABOVE 150WVDC USE 23M SERIES)					
SERIES	23A	STANDARD SERIES				MAX ESR		MAX RMS RIPPLE	
VOLTAGE	MFD RATING	NOTE	GE PART NUMBER	BASE	HEIGHT	120HZ-25C	CURR @ +85 C, 120Hz		
60	6300		23A 632 F060 BB 1H1	1.375	2.125	0.0369	4.5		
	9000		23A 902 F060 BC 1H1	1.375	2.625	0.0271	5.8		
	12000		23A 123 F060 BD 1H1	1.375	3.125	0.0214	7.0		
	15000		23A 153 F060 BE 1H1	1.375	3.625	0.0179	8.2		
	17000		23A 173 F060 BF 1H1	1.375	4.125	0.0163	9.1		
	20000		23A 203 F060 BG 1H1	1.375	4.625	0.0146	10.2		
	23000		23A 233 F060 BH 1H1	1.375	5.125	0.0132	11.2		
	26000		23A 263 F060 BI 1H1	1.375	5.625	0.0122	12.1		
60	11000		23A 113 F060 CB 1H1	1.750	2.125	0.0229	6.6		
	16000		23A 163 F060 CC 1H1	1.750	2.625	0.0171	8.3		
	22000		23A 223 F060 CD 1H1	1.750	3.125	0.0136	10.0		
	27000		23A 273 F060 CE 1H1	1.750	3.625	0.0120	11.4		
	31000		23A 313 F060 CF 1H1	1.750	4.125	0.0110	12.6		
	37000		23A 373 F060 CG 1H1	1.750	4.625	0.0100	13.9		
	42000		23A 423 F060 CH 1H1	1.750	5.125	0.0094	15.1		
	47000		23A 473 F060 CI 1H1	1.750	5.625	0.0090	16.1		
60	15000		23A 153 F060 DB 1H1	2.000	2.125	0.0179	8.0		
	21000		23A 213 F060 DC 1H1	2.000	2.625	0.0141	9.9		
	28000		23A 283 F060 DD 1H1	2.000	3.125	0.0117	11.7		
	35000		23A 353 F060 DE 1H1	2.000	3.625	0.0103	13.3		
	40000		23A 403 F060 DF 1H1	2.000	4.125	0.0097	14.5		
	48000		23A 483 F060 DG 1H1	2.000	4.625	0.0089	15.9		
	54000		23A 543 F060 DH 1H1	2.000	5.125	0.0085	17.1		
	61000		23A 613 F060 DI 1H1	2.000	5.625	0.0082	18.2		
60	46000		23A 463 F060 ED 1H1	2.500	3.125	0.0091	15.1		
	58000		23A 583 F060 EE 1H1	2.500	3.625	0.0083	16.8		
	67000		23A 673 F060 EF 1H1	2.500	4.125	0.0079	18.1		
	78000		23A 783 F060 EG 1H1	2.500	4.625	0.0077	19.4		
	89000		23A 893 F060 EH 1H1	2.500	5.125	0.0075	20.6		
	100000		23A 104 F060 EI 1H1	2.500	5.625	0.0074	21.6		
60	67000		23A 673 F060 FD 1H1	3.000	3.125	0.0079	17.9		
	84000		23A 843 F060 FE 1H1	3.000	3.625	0.0076	19.6		
	100000		23A 104 F060 FF 1H1	3.000	4.125	0.0074	20.9		
	110000		23A 114 F060 FG 1H1	3.000	4.625	0.0073	22.0		
	130000		23A 134 F060 FH 1H1	3.000	5.125	0.0073	23.0		
	150000		23A 154 F060 FI 1H1	3.000	5.625	0.0073	24.0		
	150000		23A 154 F060 FJ 1H1	3.000	5.875	0.0073	24.2		
180000		23A 184 F060 FL 1H1	3.000	8.625	0.0073	29.1			

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VOLTAGE RANGE

50-150 WVDC

(ABOVE 150WVDC USE 23M SERIES)

SERIES		STANDARD SERIES				MAX ESR	MAX RMS RIPPLE
23A							
VOLTAGE	MFD RATING	NOTE	GE PART NUMBER	BASE	HEIGHT	120HZ-25C	CURR @ +85 C, 120Hz
75	4800	A	23A 482 F075 BB 1H1	1.375	2.125	0.0469	4.0
	6800		23A 682 F075 BC 1H1	1.375	2.625	0.0344	5.1
	9000	A	23A 902 F075 BD 1H1	1.375	3.125	0.0270	6.2
	11000		23A 113 F075 BE 1H1	1.375	3.625	0.0229	7.2
	13000		23A 133 F075 BF 1H1	1.375	4.125	0.0200	8.2
	15000		23A 153 F075 BG 1H1	1.375	4.625	0.0179	9.2
	17000		23A 173 F075 BH 1H1	1.375	5.125	0.0163	10.1
	19000		23A 193 F075 BI 1H1	1.375	5.625	0.0150	11.0
75	8700		23A 872 F075 CB 1H1	1.750	2.125	0.0278	6.0
	12000		23A 123 F075 CC 1H1	1.750	2.625	0.0213	7.4
	16000		23A 163 F075 CD 1H1	1.750	3.125	0.0171	9.0
	20000		23A 203 F075 CE 1H1	1.750	3.625	0.0145	10.4
	24000		23A 243 F075 CF 1H1	1.750	4.125	0.0128	11.7
	28000		23A 283 F075 CG 1H1	1.750	4.625	0.0116	12.9
	32000		23A 323 F075 CH 1H1	1.750	5.125	0.0107	14.1
	35000		23A 353 F075 CI 1H1	1.750	5.625	0.0102	15.1
75	11000	A	23A 113 F075 DB 1H1	2.000	2.125	0.0229	7.1
	16000		23A 163 F075 DC 1H1	2.000	2.625	0.0171	9.0
	21000	A	23A 213 F075 DD 1H1	2.000	3.125	0.0104	10.7
	27000		23A 273 F075 DE 1H1	2.000	3.625	0.0119	12.4
	31000	A	23A 313 F075 DF 1H1	2.000	4.125	0.0109	13.6
	36000		23A 363 F075 DG 1H1	2.000	4.625	0.0100	15.0
	41000		23A 413 F075 DH 1H1	2.000	5.125	0.0094	16.2
	46000		23A 463 F075 DI 1H1	2.000	5.625	0.0089	17.4
75	35000		23A 353 F075 ED 1H1	2.500	3.125	0.0102	14.2
	44000		23A 443 F075 EE 1H1	2.500	3.625	0.0090	16.1
	50000	A	23A 503 F075 EF 1H1	2.500	4.125	0.0085	17.5
	59000	A	23A 593 F075 EG 1H1	2.500	4.625	0.0079	19.1
	68000		23A 683 F075 EH 1H1	2.500	5.125	0.0075	20.5
	76000		23A 763 F075 EI 1H1	2.500	5.625	0.0073	21.7
75	51000		23A 513 F075 FD 1H1	3.000	3.125	0.0084	17.4
	64000		23A 643 F075 FE 1H1	3.000	3.625	0.0077	19.4
	73000	A	23A 733 F075 FF 1H1	3.000	4.125	0.0074	20.9
	86000		23A 863 F075 FG 1H1	3.000	4.625	0.0070	22.5
	100000		23A 104 F075 FH 1H1	3.000	5.125	0.0068	23.9
	110000	A	23A 114 F075 FI 1H1	3.000	5.625	0.0066	25.2
	110000		23A 114 F075 FJ 1H1	3.000	5.875	0.0066	25.4
	140000		23A 144 F075 FL 1H1	3.000	8.625	0.0064	31.1

GE STANDARD LINE DC POWER ELECTROLYTIC PRODUCTS

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VOLTAGE RANGE		50-150 WVDC				(ABOVE 150WVDC USE 23M SERIES)			
SERIES	23A	STANDARD SERIES				MAX ESR	MAX RMS RIPPLE		
VOLTAGE	MFD RATING	NOTE	GE PART NUMBER			BASE	HEIGHT	120HZ-25C	CURR @ +85 C, 120Hz
80	4400		23A 442	F080	BB 1H1	1.375	2.125	0.0402	4.3
	6300		23A 632	F080	BC 1H1	1.375	2.625	0.0357	5.0
	8400		23A 842	F080	BD 1H1	1.375	3.125	0.0306	5.9
	10000		23A 103	F080	BE 1H1	1.375	3.625	0.0275	6.6
	12000		23A 123	F080	BF 1H1	1.375	4.125	0.0244	7.4
	14000		23A 143	F080	BG 1H1	1.375	4.625	0.0220	8.3
	16000		23A 163	F080	BH 1H1	1.375	5.125	0.0201	9.1
	18000		23A 183	F080	BI 1H1	1.375	5.625	0.0186	9.9
80	8000		23A 802	F080	CB 1H1	1.750	2.125	0.0315	5.6
	11000		23A 113	F080	CC 1H1	1.750	2.625	0.0259	6.8
	15000		23A 153	F080	CD 1H1	1.750	3.125	0.0210	8.1
	19000		23A 193	F080	CE 1H1	1.750	3.625	0.0179	9.3
	22000		23A 223	F080	CF 1H1	1.750	4.125	0.0162	10.4
	26000		23A 263	F080	CG 1H1	1.750	4.625	0.0145	11.6
	29000		23A 293	F080	CH 1H1	1.750	5.125	0.0135	12.6
	33000		23A 333	F080	CI 1H1	1.750	5.625	0.0124	13.7
80	10000		23A 103	F080	DB 1H1	2.000	2.125	0.0275	6.5
	15000		23A 153	F080	DC 1H1	2.000	2.625	0.0210	8.1
	20000		23A 203	F080	DD 1H1	2.000	3.125	0.0173	9.6
	25000		23A 253	F080	DE 1H1	2.000	3.625	0.0149	11.0
	28000		23A 283	F080	DF 1H1	2.000	4.125	0.0138	12.1
	33000		23A 333	F080	DG 1H1	2.000	4.625	0.0124	13.5
	38000		23A 383	F080	DH 1H1	2.000	5.125	0.0114	14.7
	43000		23A 433	F080	DI 1H1	2.000	5.625	0.0106	15.9
80	32000		23A 323	F080	ED 1H1	2.500	3.125	0.0127	12.7
	41000		23A 413	F080	EE 1H1	2.500	3.625	0.0109	14.6
	47000		23A 473	F080	EF 1H1	2.500	4.125	0.0101	16.1
	55000		23A 553	F080	EG 1H1	2.500	4.625	0.0092	17.7
	63000		23A 633	F080	EH 1H1	2.500	5.125	0.0086	19.2
	70000		23A 703	F080	EI 1H1	2.500	5.625	0.0082	20.5
	80	47000		23A 473	F080	FD 1H1	3.000	3.125	0.0101
59000			23A 593	F080	FE 1H1	3.000	3.625	0.0089	18.0
68000			23A 683	F080	FF 1H1	3.000	4.125	0.0083	19.7
80000			23A 803	F080	FG 1H1	3.000	4.625	0.0077	21.5
91000			23A 913	F080	FH 1H1	3.000	5.125	0.0073	23.1
100000			23A 104	F080	FI 1H1	3.000	5.625	0.0070	24.6
110000			23A 114	F080	FJ 1H1	3.000	5.875	0.0067	25.3
130000			23A 134	F080	FL 1H1	3.000	8.625	0.0063	31.3

GE STANDARD LINE DC POWER ELECTROLYTIC PRODUCTS

NOTE: "A" = STANDARD DISTRIBUTOR STOCK ITEM

VOLTAGE RANGE

50-150 WVDC

(ABOVE 150WVDC USE 23M SERIES)

SERIES	23A		STANDARD SERIES				MAX ESR		MAX RMS RIPPLE	
	VOLTAGE	MFD RATING	NOTE	GE PART NUMBER		BASE	HEIGHT	120HZ-25C	CURR @ +85 C, 120Hz	
100	2500		A	23A 252	F100 BB 1H1	1.375	2.125	0.0665	3.4	
	3500			23A 352	F100 BC 1H1	1.375	2.625	0.0555	4.0	
	4700		A	23A 472	F100 BD 1H1	1.375	3.125	0.0459	4.8	
	5900			23A 592	F100 BE 1H1	1.375	3.625	0.0394	5.5	
	6800			23A 682	F100 BF 1H1	1.375	4.125	0.0357	6.2	
	8000			23A 802	F100 BG 1H1	1.375	4.625	0.0319	6.9	
	9100			23A 912	F100 BH 1H1	1.375	5.125	0.0292	7.5	
	10000			23A 103	F100 BI 1H1	1.375	5.625	0.0273	8.1	
100	4500			23A 452	F100 CB 1H1	1.750	2.125	0.0473	4.6	
	6500			23A 652	F100 CC 1H1	1.750	2.625	0.0368	5.7	
	8600			23A 862	F100 CD 1H1	1.750	3.125	0.0303	6.7	
	11000			23A 113	F100 CE 1H1	1.750	3.625	0.0256	7.8	
	12000			23A 123	F100 CF 1H1	1.750	4.125	0.0242	8.5	
	15000			23A 153	F100 CG 1H1	1.750	4.625	0.0209	9.6	
	17000			23A 173	F100 CH 1H1	1.750	5.125	0.0194	110.5	
	19000			23A 193	F100 CI 1H1	1.750	5.625	0.0181	11.4	
100	5900		A	23A 592	F100 DB 1H1	2.000	2.125	0.0394	5.4	
	8400			23A 842	F100 DC 1H1	2.000	2.625	0.0308	6.7	
	11000		A	23A 113	F100 DD 1H1	2.000	3.125	0.0256	7.9	
	14000			23A 143	F100 DE 1H1	2.000	3.625	0.0219	9.1	
	16000		A	23A 163	F100 DF 1H1	2.000	4.125	0.0201	10.1	
	19000			23A 193	F100 DG 1H1	2.000	4.625	0.0181	11.2	
	22000			23A 223	F100 DH 1H1	2.000	5.125	0.0166	12.2	
	24000			23A 243	F100 DI 1H1	2.000	5.625	0.0159	13.0	
100	18000			23A 183	F100 ED 1H1	2.500	3.125	0.0187	10.5	
	23000			23A 233	F100 EE 1H1	2.500	3.625	0.0162	12.0	
	26000		A	23A 263	F100 EF 1H1	2.500	4.125	0.0152	13.1	
	31000		A	23A 313	F100 EG 1H1	2.500	4.625	0.0139	14.4	
	35000			23A 353	F100 EH 1H1	2.500	5.125	0.0131	15.5	
	40000			23A 403	F100 EI 1H1	2.500	5.625	0.0123	16.7	
	100	27000			23A 273	F100 FD 1H1	3.000	3.125	0.0149	13.1
33000				23A 333	F100 FE 1H1	3.000	3.625	0.0135	14.6	
38000			A	23A 383	F100 FF 1H1	3.000	4.125	0.0126	16.0	
45000				23A 453	F100 FG 1H1	3.000	4.625	0.0117	17.4	
52000				23A 523	F100 FH 1H1	3.000	5.125	0.0111	18.7	
58000			A	23A 583	F100 FI 1H1	3.000	5.625	0.0107	19.8	
60000				23A 603	F100 FJ 1H1	3.000	5.875	0.0106	20.2	
72000				23A 723	F100 FL 1H1	3.000	8.625	0.0099	24.9	

GE STANDARD LINE DC POWER ELECTROLYTIC PRODUCTS

NOTE- "A" = STANDARD DISTRIBUTOR STOCK ITEM

VOLTAGE RANGE		50-150 WVDC					(ABOVE 150WVDC USE 23M SERIES)			
SERIES	23A	STANDARD SERIES					MAX ESR		MAX RMS RIPPLE	
VOLTAGE	MFD RATING	NOTE	GE PART NUMBER			BASE	HEIGHT	120HZ-25C	CURR @ +85 C, 120Hz	
150	910	A	23A 911	F150	BB 1H1	1.375	2.125	0.1431	2.3	
	1300		23A 132	F150	BC 1H1	1.375	2.625	0.1044	2.9	
	1700	A	23A 172	F150	BD 1H1	1.375	3.125	0.0816	3.6	
	2200		23A 222	F150	BE 1H1	1.375	3.625	0.0641	4.3	
	2500		23A 252	F150	BF 1H1	1.375	4.125	0.0568	4.9	
	2900		23A 292	F150	BG 1H1	1.375	4.625	0.0493	5.5	
	3300		23A 332	F150	BH 1H1	1.375	5.125	0.0435	6.2	
	3700		23A 372	F150	BI 1H1	1.375	5.625	0.0390	6.8	
150	1700		23A 172	F150	CB 1H1	1.750	2.125	0.0816	3.5	
	2400		23A 242	F150	CC 1H1	1.750	2.625	0.0590	4.5	
	3100		23A 312	F150	CD 1H1	1.750	3.125	0.0468	5.4	
	3900		23A 392	F150	CE 1H1	1.750	3.625	0.0370	6.5	
	4500		23A 452	F150	CF 1H1	1.750	4.125	0.0322	7.4	
	5300		23A 532	F150	CG 1H1	1.750	4.625	0.0275	8.4	
	6100		23A 612	F150	CH 1H1	1.750	5.125	0.0240	9.4	
	6800		23A 682	F150	CI 1H1	1.750	5.625	0.0216	10.4	
150	2200	A	23A 222	F150	DB 1H1	2.000	2.125	0.0641	4.2	
	3100		23A 312	F150	DC 1H1	2.000	2.625	0.0462	5.5	
	4100	A	23A 412	F150	DD 1H1	2.000	3.125	0.0353	6.7	
	5100		23A 512	F150	DE 1H1	2.000	3.625	0.0285	8.0	
	5900	A	23A 592	F150	DF 1H1	2.000	4.125	0.0248	9.1	
	6900		23A 692	F150	DG 1H1	2.000	4.625	0.0212	10.3	
	7900		23A 792	F150	DH 1H1	2.000	5.125	0.0186	11.5	
	8800		23A 882	F150	DI 1H1	2.000	5.625	0.0167	12.7	
150	6700		23A 672	F150	ED 1H1	2.500	3.125	0.0219	9.7	
	8400		23A 842	F150	EE 1H1	2.500	3.625	0.0175	11.5	
	10000	A	23A 103	F150	EF 1H1	2.500	4.125	0.0148	13.3	
	11000	A	23A 113	F150	EG 1H1	2.500	4.625	0.0134	14.7	
	13000		23A 133	F150	EH 1H1	2.500	5.125	0.0114	16.6	
	15000		23A 153	F150	EI 1H1	2.500	5.625	0.0099	18.6	
150	10000		23A 103	F150	FD 1H1	3.000	3.125	0.0148	13.2	
	12000		23A 123	F150	FE 1H1	3.000	3.625	0.0123	15.3	
	14000	A	23A 143	F150	FF 1H1	3.000	4.125	0.0106	17.4	
	17000		23A 173	F150	FG 1H1	3.000	4.625	0.0088	20.1	
	19000		23A 193	F150	FH 1H1	3.000	5.125	0.0079	22.2	
	21000	A	23A 213	F150	FI 1H1	3.000	5.625	0.0071	24.3	
	22000		23A 223	F150	FJ 1H1	3.000	5.875	0.0068	25.1	
	26000		23A 263	F150	FL 1H1	3.000	8.625	0.0058	32.7	