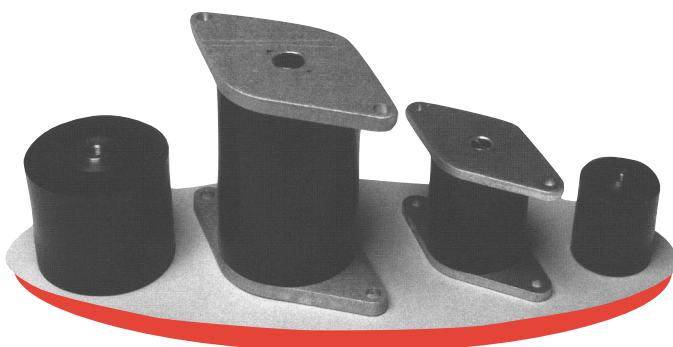


# High-Voltage, Cylindrical Types, Mica Capacitors

## Types 291, 292, 293, 294—Cylindrical Case, High-Current and High-Voltage Circuits



Designed for frequencies ranging from 100 kHz to 3 MHz, Mica Capacitor Types 291, 292, 293 and 294 are well suited for high-current and high-high-voltage circuits like radio transmitters. Cast in cylindrical cases, these capacitors are electrically equivalent to MIL-C-5 Styles CM75 through CM93 in capacitance and current ratings but are far superior in environmental capability, temperature range, physical size, mounting configuration, and reliability.

### Performance Highlights

- Peak Voltage: 1,000 to 30,000 Peak Volts
- Capacitance Range: 47 pF to 100,000 pF
- Capacitance Tolerance:  $\pm 2\%$  (G),  $\pm 5\%$  (J)
- Temperature Range:  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- Cast in Cylindrical Cases
- Highly shock resistant
- Convenient mounting

### Type 291 Ratings

Cap pF	Catalog Number	Rated Current At Frequencies (rms amperes)			
		3 MHz	1 MHz	.3 MHz	.1 MHz
<b>1,000 Peak Volts</b>					
75000	29110B753J00	18.0	22.0	22.0	16.0
82000	29110B823J00	18.0	22.0	22.0	16.0
91000	29110B913J00	18.0	22.0	22.0	16.0
100000	29110B104J00	18.0	22.0	22.0	18.0
<b>1,500 Peak Volts</b>					
30000	29115B303J00	18.0	22.0	18.0	12.0
33000	29115B333J00	18.0	22.0	20.0	13.0
36000	29115B363J00	18.0	22.0	20.0	13.0
39000	29115B393J00	18.0	22.0	20.0	13.0
43000	29115B433J00	18.0	22.0	22.0	13.0
47000	29115B473J00	18.0	22.0	22.0	15.0
51000	29115B513J00	18.0	22.0	22.0	15.0
56000	29115B563J00	18.0	22.0	22.0	15.0
62000	29115B623J00	18.0	22.0	22.0	16.0
68000	29115B683J00	18.0	22.0	22.0	16.0
<b>2,000 Peak Volts</b>					
18000	29120B183J00	18.0	20.0	16.0	11.0
20000	29120B203J00	18.0	22.0	18.0	11.0
22000	29120B223J00	18.0	22.0	18.0	11.0
24000	29120B243J00	18.0	22.0	18.0	12.0
27000	29120B273J00	18.0	22.0	18.0	12.0
<b>3,000 Peak Volts</b>					
12000	29130B123J00	18.0	20.0	16.0	9.1
13000	29130B133J00	18.0	20.0	16.0	10.0
15000	29130B153J00	18.0	20.0	16.0	10.0
16000	29130B163J00	18.0	20.0	16.0	10.0
<b>4,000 Peak Volts</b>					
5100	29140B512J00	16.0	16.0	12.0	6.2
5600	29140B562J00	16.0	18.0	13.0	6.8
6000	29140B602J00	16.0	18.0	13.0	7.5
6200	29140B622J00	16.0	18.0	13.0	7.5
6800	29140B682J00	16.0	18.0	13.0	7.5

Cap pF	Catalog Number	Rated Current At Frequencies (rms amperes)			
		3 MHz	1 MHz	.3 MHz	.1 MHz
<b>4,000 Peak Volts (cont'd)</b>					
7500	29140B752J00	18.0	18.0	13.0	7.5
8200	29140B822J00	18.0	20.0	15.0	8.2
9100	29140B912J00	18.0	20.0	15.0	8.2
10000	29140B103J00	18.0	20.0	15.0	9.1
11000	29140B113J00	18.0	20.0	15.0	9.1
<b>6,000 Peak Volts</b>					
47	29160B470J00	2.0	1.2	.51	.16
50	29160B500J00	2.0	1.3	.56	.18
51	29160B510J00	2.0	1.3	.56	.18
56	29160B560J00	2.2	1.3	.56	.18
62	29160B620J00	2.2	1.5	.62	.20
68	29160B680J00	2.4	1.5	.68	.22
75	29160B750J00	2.4	1.6	.68	.22
82	29160B820J00	2.7	1.8	.75	.24
91	29160B910J00	2.7	1.8	.91	.27
100	29160B101J00	3.0	2.0	.91	.30
110	29160B111J00	3.0	2.2	1.0	.30
120	29160B121J00	3.3	2.2	1.0	.33
130	29160B131J00	3.3	2.4	1.1	.36
150	29160B151J00	3.6	2.4	1.2	.39
160	29160B161J00	3.9	2.7	1.3	.43
180	29160B181J00	4.3	3.0	1.5	.47
200	29160B201J00	4.3	3.0	1.5	.51
220	29160B221J00	4.7	3.3	1.6	.56
240	29160B241J00	4.7	3.6	1.8	.62
270	29160B271J00	5.1	3.6	2.0	.62
300	29160B301J00	5.1	3.9	2.0	.68
330	29160B331J00	5.6	4.3	2.2	.75
360	29160B361J00	6.2	4.3	2.4	.75
390	29160B391J00	6.2	4.7	2.7	.82
400	29160B401J00	6.2	4.7	2.7	.82
430	29160B431J00	6.8	4.7	2.7	.82
470	29160B471J00	6.8	5.1	3.0	.91
500	29160B501J00	6.8	5.1	3.0	1.0

High-Voltage  
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# High-Voltage, Cylindrical Types, Mica Capacitors

## Types 291, 292 and 293 Ratings

Cap pF	Catalog Number	Rated Current At Frequencies (rms amperes)			
		3 MHz	1 MHz	.3 MHz	.1 MHz
<b>6,000 Peak Volts (cont'd)</b>					
510	29160B511J00	6.8	5.1	3.0	1.0
560	29160B561J00	7.5	5.6	3.3	1.1
620	29160B621J00	8.2	6.2	3.6	1.2
680	29160B681J00	8.2	6.2	3.9	1.3
750	29160B751J00	8.2	6.8	3.9	1.5
820	29160B821J00	9.1	6.8	4.3	1.5
910	29160B911J00	9.1	7.5	4.7	1.6
1000	29160B102J00	10.0	7.5	5.1	1.8
1100	29160B112J00	10.0	8.2	5.1	2.0
1200	29160B122J00	11.0	8.2	5.6	2.2
1300	29160B132J00	11.0	9.1	6.2	2.2
1500	29160B152J00	12.0	9.1	6.2	2.4
1600	29160B162J00	12.0	10.0	6.8	2.7
1800	29160B182J00	13.0	11.0	7.5	3.0
2000	29160B202J00	13.0	11.0	7.5	3.3
2200	29160B222J00	13.0	12.0	8.2	3.6
2400	29160B242J00	15.0	13.0	9.1	3.9
2700	29160B272J00	15.0	13.0	9.1	3.9
3000	29160B302J00	15.0	13.0	9.1	4.3
3300	29160B332J00	15.0	15.0	10.0	4.7
3600	29160B362J00	16.0	15.0	11.0	5.1
3900	29160B392J00	16.0	15.0	11.0	5.6
4000	29160B402J00	16.0	15.0	11.0	5.6
4300	29160B432J00	16.0	15.0	11.0	5.6
4700	29160B472J00	16.0	16.0	12.0	6.2
5000	29160B502J00	16.0	16.0	12.0	6.2
<b>1,500 Peak Volts</b>					
75000	29215B753J00	20.0	39.0	33.0	20.0
82000	29215B823J00	20.0	39.0	33.0	20.0
91000	29215B913J00	20.0	39.0	33.0	20.0
100000	29215B104J00	20.0	39.0	36.0	20.0
<b>2,000 Peak Volts</b>					
30000	29220B303J00	20.0	33.0	24.0	15.0
33000	29220B333J00	20.0	33.0	24.0	15.0
36000	29220B363J00	20.0	33.0	27.0	16.0
39000	29220B393J00	20.0	36.0	27.0	16.0
43000	29220B433J00	20.0	36.0	27.0	16.0
47000	29220B473J00	20.0	36.0	27.0	18.0
51000	29220B513J00	20.0	36.0	30.0	18.0
56000	29220B563J00	20.0	36.0	30.0	18.0
62000	29220B623J00	20.0	39.0	30.0	18.0
68000	29220B683J00	20.0	39.0	33.0	20.0
<b>3,000 Peak Volts</b>					
18000	29230B183J00	20.0	30.0	20.0	12.0
20000	29230B203J00	20.0	30.0	22.0	13.0
22000	29230B223J00	20.0	30.0	22.0	13.0
24000	29230B243J00	20.0	33.0	24.0	13.0
27000	29230B273J00	20.0	33.0	24.0	13.0
<b>4,000 Peak Volts</b>					
12000	29240B123J00	20.0	27.0	18.0	10.0
13000	29240B133J00	20.0	27.0	20.0	10.0
15000	29240B153J00	20.0	27.0	20.0	11.0
16000	29240B163J00	20.0	27.0	20.0	11.0
<b>5,000 Peak Volts</b>					
5600	29250B562J00	20.0	20.0	13.0	6.8
6000	29250B602J00	20.0	22.0	15.0	6.8
6200	29250B622J00	20.0	22.0	15.0	6.8
6800	29250B682J00	20.0	22.0	15.0	7.5
7500	29250B752J00	20.0	22.0	15.0	7.5
8200	29250B822J00	20.0	24.0	16.0	8.2
9100	29250B912J00	20.0	24.0	16.0	8.2
10000	29250B103J00	20.0	24.0	18.0	9.1
11000	29250B113J00	20.0	27.0	18.0	9.1
<b>6,000 Peak Volts</b>					
4700	29260B472J00	20.0	20.0	13.0	6.2
5000	29260B502J00	20.0	20.0	13.0	6.2
5100	29260B512J00	20.0	20.0	13.0	6.2
<b>8,000 Peak Volts</b>					
2200	29280B222J00	18.0	13.0	9.1	3.9
2400	29280B242J00	18.0	15.0	10.0	4.3
2700	29280B272J00	18.0	15.0	10.0	4.3
3000	29280B302J00	18.0	16.0	10.0	4.7
3300	29280B332J00	20.0	16.0	11.0	4.7
3600	29280B362J00	20.0	18.0	11.0	5.1
3900	29280B392J00	20.0	18.0	12.0	5.6
4000	29280B402J00	20.0	18.0	12.0	5.6
4300	29280B432J00	20.0	18.0	12.0	5.6

Cap pF	Catalog Number	Rated Current At Frequencies (rms amperes)			
		3 MHz	1 MHz	.3 MHz	.1 MHz
<b>10,000 Peak Volts</b>					
47	292100B470J00	2.7	2.0	.91	.27
51	292100B510J00	2.7	2.0	1.0	.30
56	292100B560J00	3.0	2.2	1.0	.30
62	292100B620J00	3.3	2.2	1.1	.33
68	292100B680J00	3.3	2.4	1.2	.33
75	292100B750J00	3.6	2.4	1.2	.36
82	292100B820J00	3.6	2.7	1.3	.39
91	292100B910J00	3.9	2.7	1.5	.43
100	292100B101J00	4.3	3.0	1.5	.47
110	292100B111J00	4.3	3.0	1.6	.51
120	292100B121J00	4.7	3.3	1.6	.56
130	292100B131J00	4.7	3.6	1.8	.62
150	292100B151J00	5.1	3.6	1.8	.62
160	292100B161J00	5.1	3.9	2.0	.75
180	292100B181J00	5.6	4.3	2.2	.82
200	292100B201J00	6.2	4.3	2.4	.82
220	292100B221J00	6.2	4.7	2.4	.91
240	292100B241J00	6.8	5.1	2.7	1.0
250	292100B251J00	6.8	5.1	2.7	1.0
270	292100B271J00	6.8	5.1	2.7	1.0
300	292100B301J00	7.5	5.6	3.0	1.1
330	292100B331J00	7.5	5.6	3.0	1.2
360	292100B361J00	8.2	6.2	3.6	1.2
390	292100B391J00	8.2	6.2	3.6	1.3
430	292100B431J00	9.1	6.2	3.6	1.3
470	292100B471J00	9.1	6.8	3.9	1.5
500	292100B501J00	9.1	6.8	3.9	1.6
510	292100B511J00	9.1	6.8	3.9	1.6
560	292100B561J00	10.0	7.5	4.3	1.6
620	292100B621J00	11.0	8.2	4.7	1.8
680	292100B681J00	11.0	8.2	4.7	1.8
750	292100B751J00	11.0	8.2	5.1	2.0
820	292100B821J00	12.0	9.1	5.1	2.2
910	292100B911J00	12.0	9.1	5.6	2.2
1000	292100B102J00	12.0	10.0	6.2	2.4
1100	292100B112J00	13.0	10.0	6.2	2.7
1200	292100B122J00	15.0	11.0	6.8	2.7
1300	292100B132J00	15.0	11.0	6.8	2.7
1500	292100B152J00	15.0	12.0	7.5	3.0
1600	292100B162J00	16.0	12.0	7.5	3.3
1800	292100B182J00	16.0	13.0	8.2	3.6
2000	292100B202J00	16.0	13.0	8.2	3.6

Cap pF	Catalog Number	Rated Current At Frequencies (rms amperes)				Case Height
		3 MHz	1 MHz	.3 MHz	.1 MHz	
<b>2,000 Peak Volts</b>						
75000	29320B753J00	24.0	51.0	39.0	24.0	2.5
82000	29320B823J00	24.0	51.0	39.0	24.0	2.5
91000	29320B913J00	24.0	51.0	39.0	24.0	2.75
100000	29320B104J00	24.0	51.0	39.0	24.0	2.75
<b>3,000 Peak Volts</b>						
27000	29330B273J00	24.0	51.0	33.0	18.0	2.5
30000	29330B303J00	24.0	51.0	33.0	20.0	2.5
33000	29330B333J00	24.0	51.0	33.0	20.0	2.5
36000	29330B363J00	24.0	51.0	36.0	22.0	2.5
39000	29330B393J00	24.0	51.0	36.0	22.0	2.5
43000	29330B433J00	24.0	51.0	36.0	22.0	2.5
47000	29330B473J00	24.0	51.0	36.0	22.0	2.5
51000	29330B513J00	24.0	51.0	36.0	24.0	2.75
56000	29330B563J00	24.0	51.0	36.0	24.0	2.75
62000	29330B623J00	24.0	51.0	39.0	24.0	3
68000	29330B683J00	24.0	51.0	39.0	24.0	3
<b>5,000 Peak Volts</b>						
12000	29350B123J00	24.0	43.0	27.0	13.0	2.5
13000	29350B133J00	24.0	43.0	27.0	13.0	2.5
15000	29350B153J00	24.0	43.0	27.0	15.0	2.5
16000	29350B163J00	24.0	47.0	30.0	15.0	2.5
18000	29350B183J00	24.0	47.0	30.0	16.0	2.75
20000	29350B203J00	24.0	47.0	30.0	18.0	2.75
22000	29350B223J00	24.0	47.0	30.0	18.0	3
24000	29350B243J00	24.0	51.0	33.0	18.0	3.25
<b>8,000 Peak Volts</b>						
9100	29380B912J00	24.0	39.0	24.0	12.0	3.25
10000	29380B103J00	24.0	39.0	24.0	12.0	3.25
11000	29380B113J00	24.0	39.0	27.0	13.0	3.25

High-Voltage  
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# High-Voltage, Cylindrical Types, Mica Capacitors

## Types 293 and 294 Ratings

Cap pF	Catalog Number	Rated Current At Frequencies (rms amperes)				Case Height
		3 MHz	1 MHz	.3 MHz	.1 MHz	
<b>10,000 Peak Volts</b>						
4700	293100B472J00	22.0	27.0	18.0	8.2	2.75
5000	293100B502J00	24.0	30.0	18.0	9.1	2.75
5100	293100B512J00	24.0	30.0	18.0	9.1	2.75
5600	293100B562J00	24.0	33.0	20.0	9.1	3
6000	293100B602J00	24.0	33.0	20.0	10.0	3
6200	293100B622J00	24.0	33.0	20.0	10.0	3
6800	293100B682J00	24.0	33.0	20.0	10.0	3
7500	293100B752J00	24.0	36.0	22.0	11.0	3.25
8000	293100B802J00	24.0	36.0	22.0	11.0	3.25
8200	293100B822J00	24.0	36.0	22.0	11.0	3.25
<b>12,000 Peak Volts</b>						
2200	293120B222J00	20.0	20.0	12.0	5.6	2.5
2400	293120B242J00	20.0	22.0	13.0	6.2	2.75
2700	293120B272J00	20.0	22.0	13.0	6.2	2.75
3000	293120B302J00	20.0	24.0	15.0	6.8	3
3300	293120B332J00	22.0	24.0	15.0	6.8	3
3600	293120B362J00	22.0	24.0	15.0	7.5	3
3900	293120B392J00	22.0	27.0	16.0	7.5	3
4000	293120B402J00	22.0	27.0	16.0	7.5	3.25
4300	293120B432J00	22.0	27.0	16.0	8.2	3.25
<b>15,000 Peak Volts</b>						
1200	293150B122J00	16.0	15.0	8.2	4.3	2.5
1300	293150B132J00	16.0	15.0	9.1	4.3	2.5
1500	293150B152J00	16.0	16.0	9.1	4.7	2.75
1600	293150B162J00	18.0	18.0	10.0	4.7	2.75
1800	293150B182J00	18.0	18.0	11.0	5.1	3
2000	293150B202J00	18.0	20.0	11.0	5.6	3
<b>20,000 Peak Volts</b>						
47	293200B470J00	5.1	2.2	.47	.12	2.5
50	293200B500J00	5.1	2.4	.51	.15	2.5
51	293200B510J00	5.1	2.4	.51	.15	2.5
56	293200B560J00	5.6	2.4	.56	.18	2.5
62	293200B620J00	5.6	2.7	.62	.20	2.5
68	293200B680J00	5.6	2.7	.75	.24	2.5
75	293200B750J00	6.2	3.0	.91	.27	2.5
82	293200B820J00	6.2	3.0	1.0	.33	2.5
91	293200B910J00	6.8	3.3	1.1	.39	2.5
100	293200B101J00	6.8	3.6	1.3	.47	2.5
110	293200B111J00	7.5	3.9	1.5	.51	2.5
120	293200B121J00	7.5	4.3	1.6	.62	2.5
130	293200B131J00	7.5	4.3	1.8	.68	2.5
150	293200B151J00	8.2	4.7	2.0	.82	2.5
160	293200B161J00	8.2	5.1	2.2	.91	2.5
180	293200B181J00	9.1	5.1	2.4	1.0	2.5
200	293200B201J00	9.1	5.6	2.7	1.1	2.5
220	293200B221J00	9.1	6.2	3.0	1.2	2.5
240	293200B241J00	10.0	6.2	3.6	1.3	2.5
250	293200B251J00	10.0	6.2	6.8	1.3	2.5
270	293200B271J00	10.0	6.8	3.6	1.5	2.5
300	293200B301J00	10.0	6.8	3.9	1.6	2.5
330	293200B331J00	11.0	7.5	3.9	1.6	2.5
360	293200B361J00	11.0	7.5	3.9	1.8	2.5
390	293200B391J00	11.0	8.2	4.3	2.0	2.5
430	293200B431J00	12.0	8.2	4.7	2.2	2.5
470	293200B471J00	12.0	9.1	4.7	2.2	2.5
500	293200B501J00	12.0	9.1	5.1	2.4	2.5
510	293200B511J00	12.0	9.1	5.1	2.4	2.5
560	293200B561J00	13.0	10.0	5.6	2.7	2.5
620	293200B621J00	13.0	11.0	6.2	2.7	2.5
680	293200B681J00	13.0	11.0	6.2	2.7	2.75
750	293200B751J00	13.0	12.0	6.8	3.0	2.75
800	293200B801J00	15.0	12.0	6.8	3.3	2.75
820	293200B821J00	15.0	12.0	6.8	3.3	2.75
910	293200B911J00	15.0	13.0	7.5	3.6	2.75
1000	293200B102J00	15.0	13.0	7.5	3.6	2.75
1100	293200B112J00	16.0	15.0	8.2	3.9	2.75
<b>3,000 Peak Volts</b>						
82000	29430B823J00	30.0	62.0	43.0	39.0	5
91000	29430B913J00	30.0	62.0	43.0	39.0	5
100000	29430B104J00	30.0	62.0	43.0	39.0	5
<b>4,000 Peak Volts</b>						
68000	29440B683J00	30.0	56.0	39.0	36.0	5
75000	29440B753J00	30.0	62.0	43.0	36.0	5
<b>5,000 Peak Volts</b>						
33000	29450B333J00	30.0	56.0	39.0	27.0	4.5
36000	29450B363J00	30.0	56.0	39.0	30.0	4.5
39000	29450B393J00	30.0	56.0	39.0	30.0	5

Cap pF	Catalog Number	Rated Current At Frequencies (rms amperes)				Case Height
		3 MHz	1 MHz	.3 MHz	.1 MHz	
<b>5,000 Peak Volts (cont'd)</b>						
40000	29450B403J00	30.0	56.0	39.0	30.0	5
43000	29450B433J00	30.0	56.0	39.0	30.0	5
47000	29450B473J00	30.0	56.0	39.0	30.0	5
51000	29450B513J00	30.0	56.0	39.0	33.0	5
56000	29450B563J00	30.0	56.0	39.0	33.0	5
62000	29450B623J00	30.0	56.0	39.0	33.0	5
<b>6,000 Peak Volts</b>						
18000	29460B183J00	30.0	51.0	36.0	22.0	4
20000	29460B203J00	30.0	51.0	36.0	24.0	4
22000	29460B223J00	30.0	51.0	36.0	24.0	4
24000	29460B243J00	30.0	56.0	39.0	27.0	4.5
27000	29460B273J00	30.0	56.0	39.0	27.0	4.5
30000	29460B303J00	30.0	56.0	39.0	27.0	5
<b>8,000 Peak Volts</b>						
12000	29480B123J00	30.0	43.0	30.0	20.0	4.5
13000	29480B133J00	30.0	47.0	30.0	20.0	4.5
15000	29480B153J00	30.0	47.0	33.0	20.0	5
16000	29480B163J00	30.0	47.0	33.0	22.0	5
<b>10,000 Peak Volts</b>						
10000	294100B103J00	30.0	43.0	30.0	18.0	5
11000	294100B113J00	30.0	43.0	30.0	18.0	5
<b>12,000 Peak Volts</b>						
8000	294120B802J00	30.0	39.0	27.0	16.0	5
8200	294120B822J00	30.0	39.0	27.0	16.0	5
9100	294120B912J00	30.0	39.0	27.0	16.0	5
<b>15,000 Peak Volts</b>						
4300	294150B432J00	27.0	30.0	20.0	11.0	4.5
4700	294150B472J00	27.0	30.0	22.0	12.0	4.5
5000	294150B502J00	27.0	33.0	22.0	12.0	4.5
5100	294150B512J00	27.0	33.0	22.0	12.0	4.5
5600	294150B562J00	27.0	36.0	22.0	13.0	5
6000	294150B602J00	27.0	36.0	24.0	15.0	5
6200	294150B622J00	27.0	36.0	24.0	15.0	5
6800	294150B682J00	27.0	36.0	24.0	15.0	5
7500	294150B752J00	30.0	36.0	27.0	16.0	5
<b>20,000 Peak Volts</b>						
2000	294200B202J00	22.0	22.0	15.0	7.5	4.5
2200	294200B222J00	22.0	24.0	15.0	8.2	4.5
2400	294200B242J00	22.0	24.0	16.0	8.2	4.5
2700	294200B272J00	22.0	24.0	16.0	9.1	5
3000	294200B302J00	24.0	27.0	18.0	9.1	5
3300	294200B332J00	24.0	27.0	18.0	10.0	5
3600	294200B362J00	24.0	27.0	18.0	10.0	5
3900	294200B392J00	24.0	30.0	20.0	11.0	5
4000	294200B402J00	24.0	30.0	20.0	11.0	5
<b>25,000 Peak Volts</b>						
1100	294250B112J00	18.0	18.0	11.0	5.6	4.5
1200	294250B122J00	18.0	18.0	11.0	5.6	4.5
1300	294250B132J00	18.0	18.0	12.0	6.2	4.5
1500	294250B152J00	20.0	20.0	12.0	6.2	5
1600	294250B162J00	20.0	20.0	13.0	6.8	5
1800	294250B182J00	20.0	22.0	13.0	7.5	5
<b>30,000 Peak Volts</b>						
100	294300B101J00	7.5	5.1	2.0	.68	4
110	294300B111J00	8.2	5.1	2.2	.82	4
120	294300B121J00	8.2	5.6	2.4	1.0	4
130	294300B131J00	9.1	6.2	2.7	1.1	4
150	294300B151J00	9.1	6.2	3.0	1.3	4
160	294300B161J00	9.1	6.8	3.3	1.5	4
180	294300B181J00	10.0	6.8	3.6	1.6	4
200	294300B201J00	10.0	7.5	3.9	1.8	4
220	294300B221J00	11.0	7.5	3.9	2.0	4
240	294300B241J00	11.0	8.2	4.3	2.0	4
250	294300B251J00	11.0	8.2	4.3	2.0	4
270	294300B271J00	11.0	9.1	4.7	2.2	4
300	294300B301J00	12.0	9.1	5.1	2.4	4
330	294300B331J00	12.0	9.1	5.1	2.4	4
360	294300B361J00	12.0	10.0	5.6	2.7	4
390	294300B391J00	13.0	11.0	6.2	3.0	4
430	294300B431J00	13.0	11.0	6.2	3.0	4
470	294300B471J00	13.0	11.0	6.8	3.3	4
500	294300B501J00	13.0	12.0	6.8	3.3	4
510	294300B511J00	13.0	12.0	6.8	3.3	4
560	294300B561J00	15.0	13.0	7.5	3.6	4
620	294300B621J00	15.0	13.0	8.2	3.9	4
680	294300B681J00	15.0	13.0	8.2	4.3	4.5
750	294300B751J0					