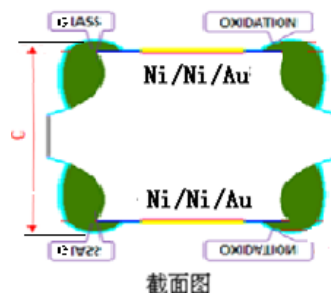
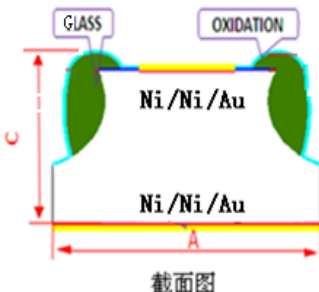
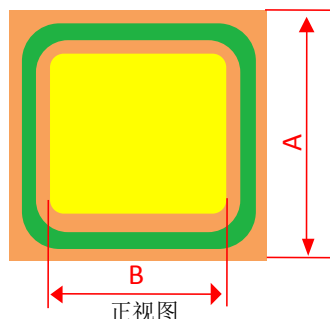


## TVS 芯片（台面贴片系列产品）

### 一、芯片特征：

1. Glass+LTO双层钝化保护
2. 单沟槽台面工艺
3. 芯片表面镀层为Ni/Ni/Au

### 二、芯片结构



### 三、产品型号及规格：

#### 1. 200W

Part Number		Dice Scale (A)	Scale (B)	Scale (C)	Reverse stand-off Voltage	Breakdown voltage		Test Current	Reverse Leakage		Max Clamp Voltage	Peak Pulse Current
						VBR@IT			IR@VRWM			
						VRWM	Min		Max	IT	UNI	BI
UNI	BI	mil	mil	um	V	V	V	mA	uA	uA	V	A
SMFJ6.5A	/	46±2	29±1	330±30	6.5	7.22	7.98	10	150	150	11.2	17.9
SMFJ7.0A	SMFJ7.0CA	46±2	29±1	330±30	7.0	7.78	8.60	10	100	100	12.0	16.7
SMFJ7.5A	SMFJ7.5CA	46±2	29±1	330±30	7.5	8.33	9.21	1	100	100	12.9	15.5
SMFJ8.0A	SMFJ8.0CA	46±2	29±1	330±30	8.0	8.89	9.83	1	50	50	13.6	14.7
SMFJ8.5A	SMFJ8.5CA	46±2	29±1	330±30	8.5	9.44	10.40	1	10	10	14.4	13.9
SMFJ9.0A	SMFJ9.0CA	46±2	29±1	330±30	9.0	10.00	11.10	1	5	5	15.4	13.0
P2SMFJ10A	P2SMFJ10CA	46±2	29±1	330±30	10.0	11.10	12.30	1	1	1	17.0	11.8
P2SMFJ11A	P2SMFJ11CA	46±2	29±1	330±30	11.0	12.20	13.50	1	1	1	18.2	11.0
P2SMFJ12A	P2SMFJ12CA	46±2	29±1	330±30	12.0	13.30	14.70	1	1	1	19.9	10.1
P2SMFJ13A	P2SMFJ13CA	46±2	29±1	330±30	13.0	14.40	15.90	1	1	1	21.5	9.3
P2SMFJ14A	P2SMFJ14CA	46±2	29±1	330±30	14.0	15.60	17.20	1	1	1	23.2	8.6
P2SMFJ15A	P2SMFJ15CA	46±2	29±1	330±30	15.0	16.70	18.50	1	1	1	24.4	8.2
P2SMFJ16A	P2SMFJ16CA	46±2	29±1	330±30	16.0	17.80	19.70	1	1	1	26.0	7.7
P2SMFJ17A	P2SMFJ17CA	46±2	29±1	330±30	17.0	18.90	20.90	1	1	1	27.6	7.2
P2SMFJ18A	P2SMFJ18CA	46±2	29±1	330±30	18.0	20.00	22.10	1	1	1	29.2	6.8
P2SMFJ20A	P2SMFJ20CA	46±2	29±1	330±30	20.0	22.20	24.50	1	1	1	32.4	6.2
P2SMFJ22A	P2SMFJ22CA	46±2	29±1	330±30	22.0	24.40	26.90	1	1	1	35.5	5.6
P2SMFJ24A	P2SMFJ24CA	46±2	29±1	330±30	24.0	26.70	29.50	1	1	1	38.9	5.1
P2SMFJ26A	P2SMFJ26CA	46±2	29±1	330±30	26.0	28.90	31.90	1	1	1	42.1	4.8
P2SMFJ28A	P2SMFJ28CA	46±2	29±1	330±30	28.0	31.10	34.40	1	1	1	45.4	4.4
P2SMFJ30A	P2SMFJ30CA	46±2	29±1	330±30	30.0	33.30	36.80	1	1	1	48.4	4.1
P2SMFJ33A	P2SMFJ33CA	46±2	29±1	330±30	33.0	36.70	40.60	1	1	1	53.3	3.8
P2SMFJ36A	P2SMFJ36CA	46±2	29±1	330±30	36.0	40.00	44.20	1	1	1	58.1	3.4
P2SMFJ40A	P2SMFJ40CA	46±2	29±1	330±30	40.0	44.40	49.10	1	1	1	64.5	3.1
P2SMFJ43A	P2SMFJ43CA	46±2	29±1	330±30	43.0	47.80	52.80	1	1	1	69.4	2.9
P2SMFJ45A	P2SMFJ45CA	46±2	29±1	330±30	45.0	50.00	55.30	1	1	1	72.7	2.8
P2SMFJ48A	P2SMFJ48CA	46±2	29±1	330±30	48.0	53.30	58.90	1	1	1	77.4	2.6
P2SMFJ51A	P2SMFJ51CA	46±2	29±1	330±30	51.0	56.70	62.70	1	1	1	82.4	2.4
P2SMFJ54A	P2SMFJ54CA	46±2	29±1	330±30	54.0	60.00	66.30	1	1	1	87.1	2.3
P2SMFJ58A	P2SMFJ58CA	46±2	29±1	330±30	58.0	64.40	71.20	1	1	1	93.6	2.1
P2SMFJ60A	P2SMFJ60CA	46±2	29±1	330±30	60.0	66.70	73.70	1	1	1	96.8	2.1
P2SMFJ64A	P2SMFJ64CA	46±2	29±1	330±30	64.0	71.10	78.60	1	1	1	103.0	1.9

P2SMFJ70A	P2SMFJ70CA	46±2	29±1	330±30	70.0	77.80	86.00	1	1	1	113.0	1.8
P2SMFJ75A	P2SMFJ75CA	46±2	29±1	330±30	75.0	83.30	92.10	1	1	1	121.0	1.4
P2SMFJ78A	P2SMFJ78CA	46±2	29±1	330±30	78.0	86.70	95.80	1	1	1	126.0	1.4
P2SMFJ85A	P2SMFJ85CA	46±2	29±1	330±30	85.0	94.40	104.00	1	1	1	137.0	1.3
P2SMFJ90A	P2SMFJ90CA	46±2	29±1	330±30	90.0	100.00	111.00	1	1	1	146.0	1.2
P2SMFJ100A	P2SMFJ100CA	46±2	29±1	330±30	100.0	111.00	123.00	1	1	1	162.0	1.1
P2SMFJ110A	P2SMFJ110CA	46±2	29±1	330±30	110.0	122.00	135.00	1	1	1	177.0	1.1
P2SMFJ120A	P2SMFJ120CA	46±2	29±1	330±30	120.0	133.00	147.00	1	1	1	193.0	1.04
P2SMFJ130A	P2SMFJ130CA	46±2	29±1	330±30	130.0	144.00	159.00	1	1	1	209.0	0.96
P2SMFJ150A	P2SMFJ150CA	46±2	29±1	330±30	150.0	167.00	185.00	1	1	1	243.0	0.82
P2SMFJ160A	P2SMFJ160CA	46±2	29±1	330±30	160.0	178.00	197.00	1	1	1	259.0	0.77
P2SMFJ170A	P2SMFJ170CA	46±2	29±1	330±30	170.0	189.00	209.00	1	1	1	275.0	0.73
P2SMFJ180A	P2SMFJ180CA	50±2	29±1	330±30	180.0	201.00	219.00	1	1	1	291.0	0.69
P2SMFJ190A	P2SMFJ190CA	50±2	29±1	330±30	190.0	211.00	232.00	1	1	1	307.0	0.65
P2SMFJ200A	P2SMFJ200CA	50±2	29±1	330±30	200.0	224.00	247.00	1	1	1	324.0	0.62

## 2. 400W

Part Number		Dice Scale (A)	Scale (B)	Scale (C)	Reverse stand-off Voltage	Breakdown voltage		Test Current	Reverse Leakage		Max Clamp Voltage	Peak Pulse Current
						VBR@IT			IT	IR@VRWM		
						VRWM	Min			Max	UNI	BI
UNI	BI	mil	mil	um	V	V	V	mA	uA	uA	V	A
SMAJ6. 5A	/	60±2	41±1	330±30	6.5	7.22	7.98	10	150	150	11.2	35.7
SMAJ7. 0A	SMAJ7. 0CA	60±2	41±1	330±30	7.0	7.78	8.60	10	100	100	12.0	33.3
SMAJ7. 5A	SMAJ7. 5CA	60±2	41±1	330±30	7.5	8.33	9.21	1	100	100	12.9	31.0
SMAJ8. 0A	SMAJ8. 0CA	60±2	41±1	330±30	8.0	8.89	9.83	1	50	50	13.6	29.4
SMAJ8. 5A	SMAJ8. 5CA	60±2	41±1	330±30	8.5	9.44	10.40	1	10	10	14.4	27.8
SMAJ9. 0A	SMAJ9. 0CA	60±2	41±1	330±30	9.0	10.00	11.10	1	5	5	15.4	26.0
P4SMAJ10A	P4SMAJ10CA	60±2	41±1	330±30	10.0	11.10	12.30	1	1	1	17.0	23.5
P4SMAJ11A	P4SMAJ11CA	60±2	41±1	330±30	11.0	12.20	13.50	1	1	1	18.2	22.0
P4SMAJ12A	P4SMAJ12CA	60±2	41±1	330±30	12.0	13.30	14.70	1	1	1	19.9	20.1
P4SMAJ13A	P4SMAJ13CA	60±2	41±1	330±30	13.0	14.40	15.90	1	1	1	21.5	18.6
P4SMAJ14A	P4SMAJ14CA	60±2	41±1	330±30	14.0	15.60	17.20	1	1	1	23.2	17.2
P4SMAJ15A	P4SMAJ15CA	60±2	41±1	330±30	15.0	16.70	18.50	1	1	1	24.4	16.4
P4SMAJ16A	P4SMAJ16CA	60±2	41±1	330±30	16.0	17.80	19.70	1	1	1	26.0	15.4
P4SMAJ17A	P4SMAJ17CA	60±2	41±1	330±30	17.0	18.90	20.90	1	1	1	27.6	14.5
P4SMAJ18A	P4SMAJ18CA	60±2	41±1	330±30	18.0	20.00	22.10	1	1	1	29.2	13.7
P4SMAJ20A	P4SMAJ20CA	60±2	41±1	330±30	20.0	22.20	24.50	1	1	1	32.4	12.3
P4SMAJ22A	P4SMAJ22CA	60±2	41±1	330±30	22.0	24.40	26.90	1	1	1	35.5	11.3
P4SMAJ24A	P4SMAJ24CA	60±2	41±1	330±30	24.0	26.70	29.50	1	1	1	38.9	10.3
P4SMAJ26A	P4SMAJ26CA	60±2	41±1	330±30	26.0	28.90	31.90	1	1	1	42.1	9.5
P4SMAJ28A	P4SMAJ28CA	60±2	41±1	330±30	28.0	31.10	34.40	1	1	1	45.4	8.8
P4SMAJ30A	P4SMAJ30CA	60±2	41±1	330±30	30.0	33.30	36.80	1	1	1	48.4	8.3
P4SMAJ33A	P4SMAJ33CA	60±2	41±1	330±30	33.0	36.70	40.60	1	1	1	53.3	7.5
P4SMAJ36A	P4SMAJ36CA	60±2	41±1	330±30	36.0	40.00	44.20	1	1	1	58.1	6.9
P4SMAJ40A	P4SMAJ40CA	60±2	41±1	330±30	40.0	44.40	49.10	1	1	1	64.5	6.2
P4SMAJ43A	P4SMAJ43CA	60±2	41±1	330±30	43.0	47.80	52.80	1	1	1	69.4	5.8
P4SMAJ45A	P4SMAJ45CA	60±2	41±1	330±30	45.0	50.00	55.30	1	1	1	72.7	5.5
P4SMAJ48A	P4SMAJ48CA	60±2	41±1	330±30	48.0	53.30	58.90	1	1	1	77.4	5.2
P4SMAJ51A	P4SMAJ51CA	60±2	41±1	330±30	51.0	56.70	62.70	1	1	1	82.4	4.9
P4SMAJ54A	P4SMAJ54CA	60±2	41±1	330±30	54.0	60.00	66.30	1	1	1	87.1	4.6
P4SMAJ58A	P4SMAJ58CA	60±2	41±1	330±30	58.0	64.40	71.20	1	1	1	93.6	4.3
P4SMAJ60A	P4SMAJ60CA	60±2	41±1	330±30	60.0	66.70	73.70	1	1	1	96.8	4.1
P4SMAJ64A	P4SMAJ64CA	60±2	41±1	330±30	64.0	71.10	78.60	1	1	1	103.0	3.9
P4SMAJ70A	P4SMAJ70CA	60±2	41±1	330±30	70.0	77.80	86.00	1	1	1	113.0	3.5
P4SMAJ75A	P4SMAJ75CA	60±2	41±1	330±30	75.0	83.30	92.10	1	1	1	121.0	3.3
P4SMAJ78A	P4SMAJ78CA	60±2	41±1	330±30	78.0	86.70	95.80	1	1	1	126.0	3.2
P4SMAJ85A	P4SMAJ85CA	60±2	41±1	330±30	85.0	94.40	104.00	1	1	1	137.0	2.2
P4SMAJ90A	P4SMAJ90CA	60±2	41±1	330±30	90.0	100.00	111.00	1	1	1	146.0	2.1
P4SMAJ100A	P4SMAJ100CA	60±2	41±1	330±30	100.0	111.00	123.00	1	1	1	162.0	1.9
P4SMAJ110A	P4SMAJ110CA	60±2	41±1	330±30	110.0	122.00	135.00	1	1	1	177.0	1.7
P4SMAJ120A	P4SMAJ120CA	60±2	41±1	330±30	120.0	133.00	147.00	1	1	1	193.0	1.6
P4SMAJ130A	P4SMAJ130CA	60±2	41±1	330±30	130.0	144.00	159.00	1	1	1	209.0	1.4
P4SMAJ150A	P4SMAJ150CA	60±2	41±1	330±30	150.0	167.00	185.00	1	1	1	243.0	1.2
P4SMAJ160A	P4SMAJ160CA	60±2	41±1	330±30	160.0	178.00	197.00	1	1	1	259.0	1.2
P4SMAJ170A	P4SMAJ170CA	60±2	41±1	330±30	170.0	189.00	209.00	1	1	1	275.0	1.1
P4SMAJ180A	P4SMAJ180CA	60±2	41±1	330±30	180.0	201.00	219.00	1	1	1	291.0	1.3
P4SMAJ190A	P4SMAJ190CA	60±2	41±1	330±30	190.0	211.00	232.00	1	1	1	307.0	1.3
P4SMAJ200A	P4SMAJ200CA	60±2	41±1	330±30	200.0	224.00	247.00	1	1	1	324.0	1.2
P4SMAJ250A	P4SMAJ250CA	70±2	46±1	330±30	250.0	279.00	309.00	1	1	1	405.0	1.0
P4SMAJ300A	P4SMAJ300CA	70±2	46±1	330±30	300.0	335.00	371.00	1	1	1	486.0	0.8
P4SMAJ350A	P4SMAJ350CA	70±2	46±1	330±30	350.0	391.00	432.00	1	1	1	567.0	0.7
P4SMAJ400A	P4SMAJ400CA	70±2	46±1	330±30	400.0	447.00	494.00	1	1	1	648.0	0.6

## 3. 600W

Part Number		Dice Scale (A)	Scale (B)	Scale (C)	Reverse stand-off Voltage	Breakdown voltage		Test Current	Reverse Leakage		Max Clamp Voltage	Peak Pulse Current
						VBR@IT			IR@VRWM			
					UNI	BI	mil	mil	um	VRWM	Min	Max
					V	V	V	mA	uA	uA	V	A
SMBJ6. 5A	/	73±2	54±1	330±30	6. 5	7. 22	7. 98	10	150	150	11. 2	53. 6
SMBJ7. 0A	SMBJ7. 0CA	73±2	54±1	330±30	7. 0	7. 78	8. 60	10	150	150	12. 0	50. 0
SMBJ7. 5A	SMBJ7. 5CA	73±2	54±1	330±30	7. 5	8. 33	9. 21	1	100	100	12. 9	46. 5
SMBJ8. 0A	SMBJ8. 0CA	73±2	54±1	330±30	8. 0	8. 89	9. 83	1	50	50	13. 6	44. 1
SMBJ8. 5A	SMBJ8. 5CA	73±2	54±1	330±30	8. 5	9. 44	10. 40	1	10	10	14. 4	41. 7
SMBJ9. 0A	SMBJ9. 0CA	73±2	54±1	330±30	9. 0	10. 00	11. 10	1	5	5	15. 4	39. 0
P6SMBJ10A	P6SMBJ10CA	73±2	54±1	330±30	10. 0	11. 10	12. 30	1	1	1	17. 0	35. 3
P6SMBJ11A	P6SMBJ11CA	73±2	54±1	330±30	11. 0	12. 20	13. 50	1	1	1	18. 2	33. 0
P6SMBJ12A	P6SMBJ12CA	73±2	54±1	330±30	12. 0	13. 30	14. 70	1	1	1	19. 9	30. 2
P6SMBJ13A	P6SMBJ13CA	73±2	54±1	330±30	13. 0	14. 40	15. 90	1	1	1	21. 5	27. 9
P6SMBJ14A	P6SMBJ14CA	73±2	54±1	330±30	14. 0	15. 60	17. 20	1	1	1	23. 2	25. 9
P6SMBJ15A	P6SMBJ15CA	73±2	54±1	330±30	15. 0	16. 70	18. 50	1	1	1	24. 4	24. 6
P6SMBJ16A	P6SMBJ16CA	73±2	54±1	330±30	16. 0	17. 80	19. 70	1	1	1	26. 0	23. 1
P6SMBJ17A	P6SMBJ17CA	73±2	54±1	330±30	17. 0	18. 90	20. 90	1	1	1	27. 6	21. 7
P6SMBJ18A	P6SMBJ18CA	73±2	54±1	330±30	18. 0	20. 00	22. 10	1	1	1	29. 2	20. 5
P6SMBJ20A	P6SMBJ20CA	73±2	54±1	330±30	20. 0	22. 20	24. 50	1	1	1	32. 4	18. 5
P6SMBJ22A	P6SMBJ22CA	73±2	54±1	330±30	22. 0	24. 40	26. 90	1	1	1	35. 5	16. 9
P6SMBJ24A	P6SMBJ24CA	73±2	54±1	330±30	24. 0	26. 70	29. 50	1	1	1	38. 9	15. 4
P6SMBJ26A	P6SMBJ26CA	73±2	54±1	330±30	26. 0	28. 90	31. 90	1	1	1	42. 1	14. 3
P6SMBJ28A	P6SMBJ28CA	73±2	54±1	330±30	28. 0	31. 10	34. 40	1	1	1	45. 4	13. 2
P6SMBJ30A	P6SMBJ30CA	73±2	54±1	330±30	30. 0	33. 30	36. 80	1	1	1	48. 4	12. 4
P6SMBJ33A	P6SMBJ33CA	73±2	54±1	330±30	33. 0	36. 70	40. 60	1	1	1	53. 3	11. 3
P6SMBJ36A	P6SMBJ36CA	73±2	54±1	330±30	36. 0	40. 00	44. 20	1	1	1	58. 1	10. 3
P6SMBJ40A	P6SMBJ40CA	73±2	54±1	330±30	40. 0	44. 40	49. 10	1	1	1	64. 5	9. 3
P6SMBJ43A	P6SMBJ43CA	73±2	54±1	330±30	43. 0	47. 80	52. 80	1	1	1	69. 4	8. 6
P6SMBJ45A	P6SMBJ45CA	73±2	54±1	330±30	45. 0	50. 00	55. 30	1	1	1	72. 7	8. 3
P6SMBJ48A	P6SMBJ48CA	73±2	54±1	330±30	48. 0	53. 30	58. 90	1	1	1	77. 4	7. 8
P6SMBJ51A	P6SMBJ51CA	73±2	54±1	330±30	51. 0	56. 70	62. 70	1	1	1	82. 4	7. 3
P6SMBJ54A	P6SMBJ54CA	73±2	54±1	330±30	54. 0	60. 00	66. 30	1	1	1	87. 1	6. 9
P6SMBJ58A	P6SMBJ58CA	73±2	54±1	330±30	58. 0	64. 40	71. 20	1	1	1	93. 6	6. 4
P6SMBJ60A	P6SMBJ60CA	73±2	54±1	330±30	60. 0	66. 70	73. 70	1	1	1	96. 8	6. 2
P6SMBJ64A	P6SMBJ64CA	73±2	54±1	330±30	64. 0	71. 10	78. 60	1	1	1	103. 0	5. 8
P6SMBJ70A	P6SMBJ70CA	73±2	54±1	330±30	70. 0	77. 80	86. 00	1	1	1	113. 0	5. 3
P6SMBJ75A	P6SMBJ75CA	73±2	54±1	330±30	75. 0	83. 30	92. 10	1	1	1	121. 0	5. 0
P6SMBJ78A	P6SMBJ78CA	73±2	54±1	330±30	78. 0	86. 70	95. 80	1	1	1	126. 0	4. 8
P6SMBJ85A	P6SMBJ85CA	73±2	54±1	330±30	85. 0	94. 40	104. 00	1	1	1	137. 0	4. 4
P6SMBJ90A	P6SMBJ90CA	79±2	60±1	330±30	90. 0	100. 00	111. 00	1	1	1	146. 0	4. 1
P6SMBJ100A	P6SMBJ100CA	79±2	60±1	330±30	100. 0	111. 00	123. 00	1	1	1	162. 0	3. 7
P6SMBJ110A	P6SMBJ110CA	79±2	60±1	330±30	110. 0	122. 00	135. 00	1	1	1	177. 0	3. 4
P6SMBJ120A	P6SMBJ120CA	79±2	60±1	330±30	120. 0	133. 00	147. 00	1	1	1	193. 0	3. 1
P6SMBJ130A	P6SMBJ130CA	79±2	60±1	330±30	130. 0	144. 00	159. 00	1	1	1	209. 0	2. 9
P6SMBJ150A	P6SMBJ150CA	79±2	60±1	330±30	150. 0	167. 00	185. 00	1	1	1	243. 0	2. 5
P6SMBJ160A	P6SMBJ160CA	79±2	60±1	330±30	160. 0	178. 00	197. 00	1	1	1	259. 0	2. 3
P6SMBJ170A	P6SMBJ170CA	79±2	60±1	330±30	170. 0	189. 00	209. 00	1	1	1	275. 0	2. 2
P6SMBJ180A	P6SMBJ180CA	79±2	60±1	330±30	180. 0	209. 00	231. 00	1	1	1	291. 0	2. 1
P6SMBJ190A	P6SMBJ190CA	79±2	60±1	330±30	190. 0	211. 00	232. 00	1	1	1	307. 0	1. 9
P6SMBJ200A	P6SMBJ200CA	79±2	60±1	330±30	200. 0	224. 00	247. 00	1	1	1	324. 0	1. 8
P6SMBJ220A	P6SMBJ220CA	79±2	60±1	330±30	220. 0	246. 00	272. 00	1	1	1	356. 0	1. 7
P6SMBJ250A	P6SMBJ250CA	95±2	69±1	330±30	250. 0	279. 00	309. 00	1	1	1	405. 0	1. 5
P6SMBJ300A	P6SMBJ300CA	95±2	69±1	330±30	300. 0	335. 00	371. 00	1	1	1	486. 0	1. 2
P6SMBJ350A	P6SMBJ350CA	95±2	69±1	330±30	350. 0	391. 00	432. 00	1	1	1	567. 0	1. 0
P6SMBJ400A	P6SMBJ400CA	95±2	69±1	330±30	400. 0	447. 00	494. 00	1	1	1	648. 0	0. 9

## 4. 1500W

Part Number		Dice Scale (A)	Scale (B)	Scale (C)	Reverse stand-off Voltage	Breakdown voltage		Test Current	Reverse Leakage		Max Clamp Voltage	Peak Pulse Current
						VBR@IT			IR@VRWM			
						VRWM	Min		Max	IT	UNI	BI
UNI	BI	mil	mil	um	V	V	V	mA	uA	uA	V	A
1.5SMCJ10A	1.5SMCJ10CA	110±2	91±1	330±30	10.0	11.100	12.300	1	1	1	17.0	88.2
1.5SMCJ11A	1.5SMCJ11CA	110±2	91±1	330±30	11.0	12.200	13.500	1	1	1	18.2	82.4
1.5SMCJ12A	1.5SMCJ12CA	110±2	91±1	330±30	12.0	13.300	14.700	1	1	1	19.9	75.4
1.5SMCJ13A	1.5SMCJ13CA	110±2	91±1	330±30	13.0	14.400	15.900	1	1	1	21.5	69.8
1.5SMCJ14A	1.5SMCJ14CA	110±2	91±1	330±30	14.0	15.600	17.200	1	1	1	23.2	64.7
1.5SMCJ15A	1.5SMCJ15CA	110±2	91±1	330±30	15.0	16.700	18.500	1	1	1	24.4	61.5
1.5SMCJ16A	1.5SMCJ16CA	110±2	91±1	330±30	16.0	17.800	19.700	1	1	1	26.0	57.7
1.5SMCJ17A	1.5SMCJ17CA	110±2	91±1	330±30	17.0	18.900	20.900	1	1	1	27.6	54.3
1.5SMCJ18A	1.5SMCJ18CA	110±2	91±1	330±30	18.0	20.000	22.100	1	1	1	29.2	51.4
1.5SMCJ20A	1.5SMCJ20CA	110±2	91±1	330±30	20.0	22.200	24.500	1	1	1	32.4	46.3
1.5SMCJ22A	1.5SMCJ22CA	110±2	91±1	330±30	22.0	24.400	26.900	1	1	1	35.5	42.3
1.5SMCJ24A	1.5SMCJ24CA	110±2	91±1	330±30	24.0	26.700	29.500	1	1	1	38.9	38.6
1.5SMCJ26A	1.5SMCJ26CA	110±2	91±1	330±30	26.0	28.900	31.900	1	1	1	42.1	35.6
1.5SMCJ28A	1.5SMCJ28CA	110±2	91±1	330±30	28.0	31.100	34.400	1	1	1	45.4	33.0
1.5SMCJ30A	1.5SMCJ30CA	110±2	91±1	330±30	30.0	33.300	36.800	1	1	1	48.4	31.0
1.5SMCJ33A	1.5SMCJ33CA	110±2	91±1	330±30	33.0	36.700	40.600	1	1	1	53.3	28.1
1.5SMCJ36A	1.5SMCJ36CA	110±2	91±1	330±30	36.0	40.000	44.200	1	1	1	58.1	25.8
1.5SMCJ40A	1.5SMCJ40CA	110±2	91±1	330±30	40.0	44.400	49.100	1	1	1	64.5	23.3
1.5SMCJ43A	1.5SMCJ43CA	110±2	91±1	330±30	43.0	47.800	52.800	1	1	1	69.4	21.6
1.5SMCJ45A	1.5SMCJ45CA	110±2	91±1	330±30	45.0	50.000	55.300	1	1	1	72.7	20.6
1.5SMCJ48A	1.5SMCJ48CA	110±2	91±1	330±30	48.0	53.300	58.900	1	1	1	77.4	19.4
1.5SMCJ51A	1.5SMCJ51CA	110±2	91±1	330±30	51.0	56.700	62.700	1	1	1	82.4	18.2
1.5SMCJ54A	1.5SMCJ54CA	110±2	91±1	330±30	54.0	60.000	66.300	1	1	1	87.1	17.2
1.5SMCJ58A	1.5SMCJ58CA	110±2	91±1	330±30	58.0	64.400	71.200	1	1	1	93.6	16.0
1.5SMCJ60A	1.5SMCJ60CA	110±2	91±1	330±30	60.0	66.700	73.700	1	1	1	96.8	15.5
1.5SMCJ64A	1.5SMCJ64CA	110±2	91±1	330±30	64.0	71.100	78.600	1	1	1	103.0	14.6
1.5SMCJ70A	1.5SMCJ70CA	110±2	91±1	330±30	70.0	77.800	86.000	1	1	1	113.0	13.3
1.5SMCJ75A	1.5SMCJ75CA	110±2	91±1	330±30	75.0	83.300	92.100	1	1	1	121.0	12.4
1.5SMCJ78A	1.5SMCJ78CA	110±2	91±1	330±30	78.0	86.700	95.800	1	1	1	126.0	11.9
1.5SMCJ85A	1.5SMCJ85CA	110±2	91±1	330±30	85.0	94.400	104.000	1	1	1	137.0	10.9
1.5SMCJ90A	1.5SMCJ90CA	120±2	101±1	330±30	90.0	100.000	111.000	1	1	1	146.0	10.3
1.5SMCJ100A	1.5SMCJ100CA	120±2	101±1	330±30	100.0	111.000	123.000	1	1	1	162.0	9.3
1.5SMCJ110A	1.5SMCJ110CA	120±2	101±1	330±30	110.0	122.000	135.000	1	1	1	177.0	8.5
1.5SMCJ120A	1.5SMCJ120CA	120±2	101±1	330±30	120.0	133.000	147.000	1	1	1	193.0	7.8
1.5SMCJ250A	1.5SMCJ250CA	160±2	134±1	330±30	250.0	279.000	309.000	1	1	1	405.0	3.7
1.5SMCJ300A	1.5SMCJ300CA	160±2	134±1	330±30	300.0	335.000	371.000	1	1	1	486.0	3.1
1.5SMCJ350A	1.5SMCJ350CA	160±2	134±1	330±30	350.0	391.000	432.000	1	1	1	567.0	2.6
1.5SMCJ400A	1.5SMCJ400CA	160±2	134±1	330±30	400.0	447.000	494.000	1	1	1	648.0	2.3

## 5. 3000W

Part Number		Dice Scale (A)	Scale (B)	Scale (C)	Reverse stand-off Voltage	Breakdown voltage		Test Current	Reverse Leakage		Max Clamp Voltage	Peak Pulse Current
						VBR@IT			IR@VRWM			
						VRWM	Min		Max	IT	UNI	BI
UNI	BI	mil	mil	um	V	V	V	mA	uA	uA	V	A
3KP10A	3KP10CA	160±2	134±1	330±30	10.0	11.100	12.300	1	5	5	17.0	176.5
3KP11A	3KP11CA	160±2	134±1	330±30	11.0	12.200	13.500	1	5	5	18.2	164.8
3KP12A	3KP12CA	160±2	134±1	330±30	12.0	13.300	14.700	1	1	1	19.9	150.8
3KP13A	3KP13CA	160±2	134±1	330±30	13.0	14.400	15.900	1	1	1	21.5	139.5
3KP14A	3KP14CA	160±2	134±1	330±30	14.0	15.600	17.200	1	1	1	23.2	129.3
3KP15A	3KP15CA	160±2	134±1	330±30	15.0	16.700	18.500	1	1	1	24.4	123.0
3KP16A	3KP16CA	160±2	134±1	330±30	16.0	17.800	19.700	1	1	1	26.0	115.4
3KP17A	3KP17CA	160±2	134±1	330±30	17.0	18.900	20.900	1	1	1	27.6	108.7
3KP18A	3KP18CA	160±2	134±1	330±30	18.0	20.000	22.100	1	1	1	29.2	102.7
3KP20A	3KP20CA	160±2	134±1	330±30	20.0	22.200	24.500	1	1	1	32.4	92.6
3KP22A	3KP22CA	160±2	134±1	330±30	22.0	24.400	26.900	1	1	1	35.5	84.5
3KP24A	3KP24CA	160±2	134±1	330±30	24.0	26.700	29.500	1	1	1	38.9	77.1
3KP26A	3KP26CA	160±2	134±1	330±30	26.0	28.900	31.900	1	1	1	42.1	71.3
3KP28A	3KP28CA	160±2	134±1	330±30	28.0	31.100	34.400	1	1	1	45.4	66.1

3KP30A	3KP30CA	160±2	134±1	330±30	30.0	33.300	36.800	1	1	1	48.4	62.0
3KP33A	3KP33CA	160±2	134±1	330±30	33.0	36.700	40.600	1	1	1	53.3	56.3
3KP36A	3KP36CA	160±2	134±1	330±30	36.0	40.000	44.200	1	1	1	58.1	51.6
3KP40A	3KP40CA	160±2	134±1	330±30	40.0	44.400	49.100	1	1	1	64.5	46.5
3KP43A	3KP43CA	160±2	134±1	330±30	43.0	47.800	52.800	1	1	1	69.4	43.2
3KP45A	3KP45CA	160±2	134±1	330±30	45.0	50.000	55.300	1	1	1	72.7	41.3
3KP48A	3KP48CA	160±2	134±1	330±30	48.0	53.300	58.900	1	1	1	77.4	38.8
3KP51A	3KP51CA	160±2	134±1	330±30	51.0	56.700	62.700	1	1	1	82.4	36.4
3KP54A	3KP54CA	160±2	134±1	330±30	54.0	60.000	66.300	1	1	1	87.1	34.4
3KP58A	3KP58CA	160±2	134±1	330±30	58.0	64.400	71.200	1	1	1	93.6	32.1

#### 6. 5000W

Part Number		Dice Scale (A)	Scale (B)	Scale (C)	Reverse stand-off Voltage	Breakdown voltage		Test Current	Reverse Leakage		Max Clamp Voltage	Peak Pulse Current
						VBR@IT			IR@VRWM			
						VRWM	Min		Max	IT	UNI	BI
UNI	BI	mil	mil	um	V	V	V	mA	uA	uA	V	A
5KP10A	5KP10CA	H220±2	193±1	330±30	10.0	11.100	12.300	5	5	5	17.0	294.1
5KP11A	5KP11CA	H220±2	193±1	330±30	11.0	12.200	13.500	5	5	5	18.2	274.7
5KP12A	5KP12CA	H220±2	193±1	330±30	12.0	13.300	14.700	5	2	2	19.9	251.3
5KP13A	5KP13CA	H220±2	193±1	330±30	13.0	14.400	15.900	5	1	1	21.5	232.6
5KP14A	5KP14CA	H220±2	193±1	330±30	14.0	15.600	17.200	5	1	1	23.2	215.5
5KP15A	5KP15CA	H220±2	193±1	330±30	15.0	16.700	18.500	5	1	1	24.4	204.9
5KP16A	5KP16CA	H220±2	193±1	330±30	16.0	17.800	19.700	5	1	1	26.0	192.3
5KP17A	5KP17CA	H220±2	193±1	330±30	17.0	18.900	20.900	5	1	1	27.6	181.2
5KP18A	5KP18CA	H220±2	193±1	330±30	18.0	20.000	22.100	5	1	1	29.2	171.2
5KP20A	5KP20CA	H220±2	193±1	330±30	20.0	22.200	24.500	5	1	1	32.4	154.3
5KP22A	5KP22CA	H220±2	193±1	330±30	22.0	24.400	26.900	5	1	1	35.5	140.8
5KP24A	5KP24CA	H220±2	193±1	330±30	24.0	26.700	29.500	5	1	1	38.9	128.5
5KP26A	5KP26CA	H220±2	193±1	330±30	26.0	28.900	31.900	5	1	1	42.1	118.8
5KP28A	5KP28CA	H220±2	193±1	330±30	28.0	31.100	34.400	5	1	1	45.4	110.1
5KP30A	5KP30CA	H220±2	193±1	330±30	30.0	33.300	36.800	5	1	1	48.4	103.3
5KP33A	5KP33CA	H220±2	193±1	330±30	33.0	36.700	40.600	5	1	1	53.3	93.8
5KP36A	5KP36CA	H220±2	193±1	330±30	36.0	40.000	44.200	5	1	1	58.1	86.1
5KP40A	5KP40CA	H220±2	193±1	330±30	40.0	44.400	49.100	5	1	1	64.5	77.5
5KP43A	5KP43CA	H220±2	193±1	330±30	43.0	47.800	52.800	5	1	1	69.4	72.0
5KP45A	5KP45CA	H220±2	193±1	330±30	45.0	50.000	55.300	5	1	1	72.7	68.8
5KP48A	5KP48CA	H220±2	193±1	330±30	48.0	53.300	58.900	5	1	1	77.4	64.6
5KP51A	5KP51CA	H220±2	193±1	330±30	51.0	56.700	62.700	5	1	1	82.4	60.7
5KP54A	5KP54CA	H220±2	193±1	330±30	54.0	60.000	66.300	5	1	1	87.1	57.4
5KP58A	5KP58CA	H220±2	193±1	330±30	58.0	64.400	71.200	5	1	1	93.6	53.4