

CELL TRANSIENT VOLTAGE SUPPRESSOR

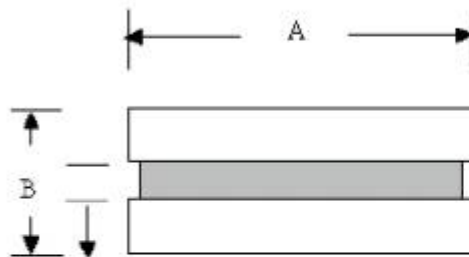
SPECIFICATION

5KP CELL**GLASS PASSIVATED JUNCTION TRANSIENT VOLTAGE SUPPRESSOR****STAND-OFF VOLTAGE-5.0 TO 110 Volts****5000 watt Peak Pulse Power**

5KP PART NUMBER		REVERSE STAND- OFF VOLTAGE $V_{RWM}(V)$	BREAKDOWN VOLTAGE $V_{BR}(V)$ MIN. @ I_T	BREAKDOWN VOLTAGE $V_{BR}(V)$ MAX. @ I_T	TEST CURRENT $I_T (mA)$	MAXIMUM CLAMPING VOLTAGE @ $I_{PP} V_C(V)$	PEAK PULSE CURRENT $I_{PP} (A)$	REVERSE LEAKAGE @ V_{RWM} $I_R(\mu A)$
UNI-POLAR	BI-POLAR							
5KP5.0A	5KP5.0CA	5.0	6.40	7.00	50	9.2	544	5000
5KP6.0A	5KP6.0CA	6.0	6.67	7.37	50	10.3	486	5000
5KP6.5A	5KP6.5CA	6.5	7.22	7.98	50	11.2	447	2000
5KP7.0A	5KP7.0CA	7.0	7.78	8.60	50	12.0	417	1000
5KP7.5A	5KP7.5CA	7.5	8.33	9.21	5	12.9	388	250
5KP8.0A	5KP8.0CA	8.0	8.89	9.83	5	13.6	368	150
5KP8.5A	5KP8.5CA	8.5	9.44	10.40	5	14.4	348	50
5KP9.0A	5KP9.0CA	9.0	10.00	11.10	5	15.4	325	20
5KP10A	5KP10CA	10.0	11.10	12.30	5	17.0	295	15
5KP11A	5KP11CA	11.0	12.20	13.50	5	18.2	275	10
5KP12A	5KP12CA	12.0	13.30	14.70	5	19.9	252	10
5KP13A	5KP13CA	13.0	14.40	15.90	5	21.5	233	10
5KP14A	5KP14CA	14.0	15.60	17.20	5	23.2	216	10
5KP15A	5KP15CA	15.0	16.70	18.50	5	24.4	205	10
5KP16A	5KP16CA	16.0	17.80	19.70	5	26.0	193	10
5KP17A	5KP17CA	17.0	18.90	20.90	5	27.6	181	10
5KP18A	5KP18CA	18.0	20.00	22.10	5	29.2	172	10
5KP20A	5KP20CA	20.0	22.20	24.50	5	32.4	154	10
5KP22A	5KP22CA	22.0	24.40	26.90	5	35.5	141	10
5KP24A	5KP24CA	24.0	26.70	29.50	5	38.9	129	10
5KP26A	5KP26CA	26.0	28.90	31.90	5	42.1	119	10
5KP28A	5KP28CA	28.0	31.10	34.40	5	45.4	110	10
5KP30A	5KP30CA	30.0	33.30	36.80	5	48.4	103	10
5KP33A	5KP33CA	33.0	36.70	40.60	5	53.3	93.9	10
5KP36A	5KP36CA	36.0	40.00	44.20	5	58.1	86.1	10
5KP40A	5KP40CA	40.0	44.40	49.10	5	64.5	77.6	10

For bidirectional type having V_{RWM} of 10 volts and less, the I_R limit is double.**For parts without A , the V_{BR} is $\pm 10\%$**

5KP CELL



FEATURES

High Power Capacity
Low Leakage

MECHANICAL DATA

Slug: Cu with Ag Plated

DIM	mm		inch	
	min	max	min	max
A	6.88	6.9	0.2696	0.2704
B	2	3	0.961	0.999

1.5KE CELL

GLASS PASSIVATED JUNCTION TRANSIENT VOLTAGE SUPPRESSOR
STAND-OFF VOLTAGE-6.8 TO 39 Volts
1500 Watt Peak Pulse Power

1.5KE PART NUMBER		REVERSE STAND- OFF VOLTAGE $V_{RWM}(V)$	BREAKDOWN VOLTAGE $V_{BR}(V)$ MIN. @ I_T	BREAKDOWN VOLTAGE $V_{BR}(V)$ MAX. @ I_T	TEST CURRENT I_T (mA)	MAXIMUM CLAMPING VOLTAGE @ $I_{PP} V_C(V)$	PEAK PULSE CURRENT I_{PP} (A)	REVERSE LEAKAGE @ $V_{RWM} I_R(I)$ A)
UNI-POLAR	BI-POLAR							
1.5KE6.8A	1.5KE6.8CA	5.80	6.45	7.14	10	10.5	144.8	1000
1.5KE7.5A	1.5KE7.5CA	6.40	7.13	7.88	10	11.3	134.5	500
1.5KE8.2A	1.5KE8.2CA	7.02	7.79	8.61	10	12.1	125.6	200
1.5KE9.1A	1.5KE9.1CA	7.78	8.65	9.50	1	13.4	113.4	50
1.5KE10A	1.5KE10CA	8.55	9.50	10.50	1	14.5	104.8	10
1.5KE11A	1.5KE11CA	9.40	10.50	11.60	1	15.6	97.4	5
1.5KE12A	1.5KE12CA	10.20	11.40	12.60	1	16.7	91.0	5
1.5KE13A	1.5KE13CA	11.10	12.40	13.70	1	18.2	83.5	5
1.5KE15A	1.5KE15CA	12.80	14.30	15.80	1	21.2	71.7	5
1.5KE16A	1.5KE16CA	13.60	15.20	16.80	1	22.5	67.6	5
1.5KE18A	1.5KE18CA	15.30	17.10	18.90	1	25.2	60.3	5
1.5KE20A	1.5KE20CA	17.10	19.00	21.00	1	27.7	54.9	5
1.5KE22A	1.5KE22CA	18.80	20.90	23.10	1	30.6	49.7	5
1.5KE24A	1.5KE24CA	20.50	22.80	25.20	1	33.2	45.8	5
1.5KE27A	1.5KE27CA	23.10	25.70	28.40	1	37.5	40.5	5
1.5KE30A	1.5KE30CA	25.60	28.50	31.50	1	41.4	36.7	5
1.5KE33A	1.5KE33CA	28.20	31.40	34.70	1	45.7	33.3	5
1.5KE36A	1.5KE36CA	30.80	34.20	37.80	1	49.9	30.5	5
1.5KE39A	1.5KE39CA	33.30	37.10	41.00	1	53.9	28.2	5

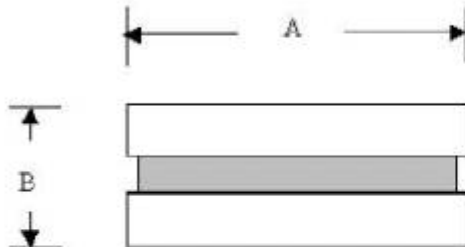
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 For parts without A, the V_{BR} is $\pm 10\%$

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FEATURES

High Power Capacity

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MECHANICAL DATA

Slug: Cu with Ag Plated

DIM	mm		inch	
	min	max	min	max
A	3.048	4.064	0.120	0.160
B	1.143	1.397	0.045	0.055