TRANSIENT VOLTAGE SUPPRESSORS
5KP SERIES

UL RECOGNIZED

PART NUMBER	$V_{(BR)}$ MIN @I_T	I_T	V_{WM}	I_D@ V_{WM}	V_C MAX @I_{PP}	I_{PP}	MAX $V_{(BR)}$
	VDC	mADC	V	µADC	V	A	mV/°C
5KP5.0	6.40	50	5.0	2000	9.6	520	4.0
5KP5.0A	6.40	50	5.0	2000	9.2	543	4.0
5KP6.0	6.67	50	6.0	5000	11.4	439	4.0
5KP6.0A	6.67	50	6.0	5000	10.3	485	4.0
5KP6.5	7.22	50	6.5	2000	12.3	407	4.0
5KP6.5A	7.22	50	6.5	2000	11.2	447	4.0
5KP7.0	7.78	50	7.0	1000	13.3	378	5.0
5KP7.0A	7.78	50	7.0	1000	12.0	417	5.0
5KP7.5	8.33	5	7.5	250	14.3	350	6.0
5KP7.5A	8.33	5	7.5	250	12.9	388	6.0
5KP8.0	8.89	5	8.0	150	15.0	333	6.0
5KP8.0A	8.89	5	8.0	150	13.6	367	6.0
5KP8.5	9.44	5	8.5	50	15.9	314	7.0
5KP8.5A	9.44	5	8.5	50	14.4	347	7.0
5KP9.0	10.0	5	9.0	20	16.9	295	8.0
5KP9.0A	10.0	5	9.0	20	15.4	325	8.0
5KP10	11.1	5	10	15	18.8	266	9.0
5KP10A	11.1	5	10	15	17.0	294	9.0
5KP11	12.2	5	11	10	20.1	249	10
5KP11A	12.2	5	11	10	18.2	274	10
5KP12	13.3	5	12	10	22.0	227	11
5KP12A	13.3	5	12	10	19.9	251	11
5KP13	14.4	5	13	10	23.8	210	12
5KP13A	14.4	5	13	10	21.5	232	12
5KP14	15.6	5	14	10	25.8	194	13
5KP14A	15.6	5	14	10	23.2	215	13
5KP15	16.7	5	15	10	26.9	188	15
5KP15A	16.7	5	15	10	24.4	206	15
5KP16	17.8	5	16	10	28.8	176	18
5KP16A	17.8	5	16	10	26.0	192	16
5KP17	18.9	5	17	10	30.5	164	19
5KP17A	18.9	5	17	10	27.6	181	18
5KP18	20.0	5	18	10	32.2	155	20
5KP18A	20.0	5	18	10	29.2	172	19
5KP20	22.2	5	20	10	35.8	139	24
5KP20A	22.2	5	20	10	32.4	154	22
5KP22	24.4	5	22	10	39.4	127	27
5KP22A	24.4	5	22	10	35.5	141	24
5KP24	26.7	5	24	10	43.0	116	30
5KP24A	26.7	5	24	10	38.9	128	27

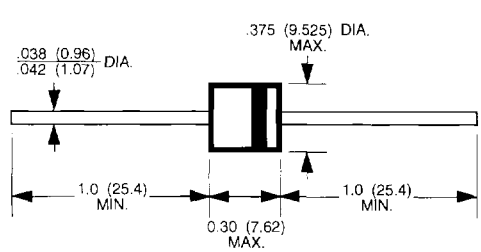
PART NUMBER	$V_{(BR)}$ MIN @I_T	I_T	V_{WM}	I_D@ V_{WM}	V_C MAX @I_{PP}	I_{PP}	MAX $V_{(BR)}$
	VDC	mADC	V	µADC	V	A	mV/°C
5KP26	28.9	5	26	10	46.6	107	33
5KP26A	28.9	5	26	10	42.1	119	29
5KP28	31.1	5	28	10	50.1	99	34
5KP28A	31.1	5	28	10	45.5	110	30
5KP30	33.3	5	30	10	53.5	93	38
5KP30A	33.3	5	30	10	48.4	103	35
5KP33	36.7	5	33	10	59.0	85	41
5KP33A	36.7	5	33	10	53.3	94	38
5KP36	40.0	5	36	10	64.3	78	45
5KP36A	40.0	5	36	10	58.1	86	40
5KP40	44.4	5	40	10	71.4	70	50
5KP40A	44.4	5	40	10	64.5	78	45
5KP43	47.8	5	43	10	76.7	65	54
5KP43A	47.8	5	43	10	69.4	72	49
5KP45	50.0	5	45	10	80.3	62	57
5KP45A	50.0	5	45	10	72.7	69	51
5KP48	53.3	5	48	10	85.5	58	62
5KP48A	53.3	5	48	10	77.4	65	55
5KP51	56.7	5	51	10	91.1	55	65
5KP51A	56.7	5	51	10	82.4	61	60
5KP54	60.0	5	54	10	96.3	52	70
5KP54A	60.0	5	54	10	87.1	57	64
5KP58	64.4	5	58	10	103.0	49	77
5KP58A	64.4	5	58	10	93.6	53	69
5KP60	66.7	5	60	10	107.0	47	79
5KP60A	66.7	5	60	10	96.8	52	70
5KP64	71.1	5	64	10	114.0	44	85
5KP64A	71.1	5	64	10	103.0	49	75
5KP70	77.8	5	70	10	125	40	93
5KP70A	77.8	5	70	10	113	44	84
5KP75	83.3	5	75	10	134	37	100
5KP75A	83.3	5	75	10	121	41	90
5KP78	86.7	5	78	10	139	36	104
5KP78A	86.7	5	78	10	126	40	94
5KP85	94.4	5	85	10	151	33	113
5KP85A	94.4	5	85	10	137	36	102
5KP90	100	5	90	10	160	31	120
5KP90A	100	5	90	10	146	34	109
5KP100	111	5	100	10	179	28	134
5KP100A	111	5	100	10	162	31	122
5KP110	122	5	110	10	196	26	147
5KP110A	122	5	110	10	177	28	132

NOTES: 1) For bidirectional devices, add Suffix "C" or "CA" after Part Number.
2) Devices are selected according to reverse "standoff voltage" V_{WM} which should be > the dc or continuous peak operating voltage level.
3) Leakage current specification (IR) is doubled for "C" and "CA" devices with VWM ratings < 10 volts.

SYMBOLS AND ABBREVIATIONS:

I_{PP} = Peak Pulse Current — $V_{(BR)}$ = Breakdown Voltage — I_T = Test Current — I_D = Reverse Leakage

V_{WM} = Rated Stand-Off Voltage — Vc(Max) = Maximum Clamping Voltage — $aV_{(BR)}$ = Max Temp. Coefficient of $V_{(BR)}$ / TA = -55 to 100°C



5KP OUTLINE