


SURFACE MOUNT DEVICES FOR HYBRID APPLICATIONS

PLASTIC MATERIAL USED CARRIES UL 94V-0

TYPE	Marking	Zener Voltage VZ (V) @ IZT			Test current	Working Peak Reverse Voltage	Maximum Reverse Leakage Current	Maximum Reverse Current	Maximum reverse Voltage @IRSM	Outline No.	Equivalent Circuit Diagram
		Min	Nom	Max							
		Volts	Volts	Volts	IZT(mA)	Vrwm(V)	IR(uA)	Irsm(A)	Vrsm(V)		

400W SURFACE MOUNT TRANSIENT VOLTAGE SUPPRESSORS

P4SSMJ6.8A	A1A	6.45	6.8	7.14	10	5.80	1000	40	10.5	SMA	
P4SSMJ7.5A	A2A	7.13	7.5	7.88	10	6.40	500	37	11.3		
P4SSMJ8.2A	A3A	7.79	8.2	8.61	10	7.02	200	35	12.1		
P4SSMJ9.1A	A4A	8.65	9.1	9.55	1.0	7.78	50	31	13.4		
P4SSMJ10A	A5A	9.5	10	10.5	1.0	8.55	10	29	14.5		
P4SSMJ11A	A6A	10.5	11	11.6	1.0	9.40	5.0	27	15.6		
P4SSMJ12A	A7A	11.4	12	12.6	1.0	10.2	5.0	25	16.7		
P4SSMJ13A	A8A	12.4	13	13.7	1.0	11.1	5.0	23	18.2		
P4SSMJ15A	A9A	14.3	15	15.8	1.0	12.8	5.0	20	21.2		
P4SSMJ16A	A10A	15.2	16	16.8	1.0	13.6	5.0	19	22.5		
P4SSMJ18A	A11A	17.1	18	18.9	1.0	15.3	5.0	17	25.2		
P4SSMJ20A	A12A	19.0	20	21.0	1.0	17.1	5.0	15	27.7		
P4SSMJ22A	A13A	20.9	22	23.1	1.0	18.8	5.0	14	30.6		
P4SSMJ24A	A14A	22.8	24	25.2	1.0	20.5	5.0	13	33.2		
P4SSMJ27A	A15A	25.7	27	28.4	1.0	23.1	5.0	11.2	37.5		
P4SSMJ30A	A16A	28.5	30	31.5	1.0	25.6	5.0	10	41.4		
P4SSMJ33A	A17A	31.4	33	34.7	1.0	28.2	5.0	9	45.7		
P4SSMJ36A	A18A	34.2	36	37.8	1.0	30.8	5.0	8.4	49.9		
P4SSMJ39A	A19A	37.1	39	41.0	1.0	33.3	5.0	7.8	53.9		
P4SSMJ43A	A20A	40.9	43	45.2	1.0	36.8	5.0	7.1	59.3		
P4SSMJ47A	A21A	44.7	47	49.4	1.0	40.2	5.0	5.0	64.8		
P4SSMJ51A	A22A	48.5	51	53.6	1.0	43.6	5.0	6.0	70.1		
P4SSMJ56A	A23A	53.2	56	58.8	1.0	47.8	5.0	5.5	77.0		
P4SSMJ62A	A24A	58.9	62	65.1	1.0	53.0	5.0	5.0	85.0		
P4SSMJ68A	A25A	64.6	68	71.4	1.0	58.0	5.0	4.6	92.0		
P4SSMJ75A	A26A	71.3	75.0	78.8	1.0	64.1	5.0	4.1	103		
P4SSMJ82A	A27A	77.9	82.0	86.1	1.0	70.1	5.0	3.7	113		
P4SSMJ91A	A28A	86.5	91.0	95.5	1.0	77.8	5.0	3.4	125		
P4SSMJ100A	A29A	95	100	105	1.0	85.5	5.0	3.1	137		
P4SSMJ110A	A30A	105	110	116	1.0	94	5.0	2.8	152		
P4SSMJ120A	A31A	114	120	126	1.0	102	5.0	2.5	165		
P4SSMJ130A	A32A	124	130	137	1.0	111	5.0	2.3	179		
P4SSMJ150A	A33A	143	150	158	1.0	128	5.0	2.0	207		
P4SSMJ160A	A34A	152	160	168	1.0	136	5.0	1.9	219		
P4SSMJ170A	A35A	162	170	179	1.0	145	5.0	1.8	234		
P4SSMJ180A	A36A	171	180	189	1.0	154	5.0	1.7	246		
P4SSMJ200A	A37A	190	200	210	1.0	171	5.0	1.53	274		


★ Add the "GP" after part number to stand for Halogens-free

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		Volts	Volts	Volts	IZT(mA)	Vrwm(V)	IR(uA)	Irsrm(A)	Vrsrm(V)		

400W SURFACE MOUNT TRANSIENT VOLTAGE SUPPRESSORS

P4SSMJ6.8CA	A1C	6.45	6.8	7.14	10	5.80	2000	40	10.5	SMA	
P4SSMJ7.5CA	A2C	7.13	7.5	7.88	10	6.40	1000	37	11.3		
P4SSMJ8.2CA	A3C	7.79	8.2	8.61	10	7.02	400	35	12.1		
P4SSMJ9.1CA	A4C	8.65	9.1	9.55	1.0	7.78	100	31	13.4		
P4SSMJ10CA	A5C	9.5	10	10.5	1.0	8.55	20	29	14.5		
P4SSMJ11CA	A6C	10.5	11	11.6	1.0	9.40	10	27	15.6		
P4SSMJ12CA	A7C	11.4	12	12.6	1.0	10.2	5.0	25	16.7		
P4SSMJ13CA	A8C	12.4	13	13.7	1.0	11.1	5.0	23	18.2		
P4SSMJ15CA	A9C	14.3	15	15.8	1.0	12.8	5.0	20	21.2		
P4SSMJ16CA	A10C	15.2	16	16.8	1.0	13.6	5.0	19	22.5		
P4SSMJ18CA	A11C	17.1	18	18.9	1.0	15.3	5.0	17	25.2		
P4SSMJ20CA	A12C	19.0	20	21.0	1.0	17.1	5.0	15	27.7		
P4SSMJ22CA	A13C	20.9	22	23.1	1.0	18.8	5.0	14	30.6		
P4SSMJ24CA	A14C	22.8	24	25.2	1.0	20.5	5.0	13	33.2		
P4SSMJ27CA	A15C	25.7	27	28.4	1.0	23.1	5.0	11.2	37.5		
P4SSMJ30CA	A16C	28.5	30	31.5	1.0	25.6	5.0	10	41.4		
P4SSMJ33CA	A17C	31.4	33	34.7	1.0	28.2	5.0	9	45.7		
P4SSMJ36CA	A18C	34.2	36	37.8	1.0	30.8	5.0	8.4	49.9		
P4SSMJ39CA	A19C	37.1	39	41.0	1.0	33.3	5.0	7.8	53.9		
P4SSMJ43CA	A20C	40.9	43	45.2	1.0	36.8	5.0	7.1	59.3		
P4SSMJ47CA	A21C	44.7	47	49.4	1.0	40.2	5.0	5.0	64.8		
P4SSMJ51CA	A22C	48.5	51	53.6	1.0	43.6	5.0	6.0	70.1		
P4SSMJ56CA	A23C	53.2	56	58.8	1.0	47.8	5.0	5.5	77.0		
P4SSMJ62CA	A24C	58.9	62	65.1	1.0	53.0	5.0	5.0	85.0		
P4SSMJ68CA	A25C	64.6	68	71.4	1.0	58.0	5.0	4.6	92.0		
P4SSMJ75CA	A26C	71.3	75.0	78.8	1.0	64.1	5.0	4.1	103		
P4SSMJ82CA	A27C	77.9	82.0	86.1	1.0	70.1	5.0	3.7	113		
P4SSMJ91CA	A28C	86.5	91.0	95.5	1.0	77.8	5.0	3.4	125		
P4SSMJ100CA	A29C	95	100	105	1.0	85.5	5.0	3.1	137		
P4SSMJ110CA	A30C	105	110	116	1.0	94	5.0	2.8	152		
P4SSMJ120CA	A31C	114	120	126	1.0	102	5.0	2.5	165		
P4SSMJ130CA	A32C	124	130	137	1.0	111	5.0	2.3	179		
P4SSMJ150CA	A33C	143	150	158	1.0	128	5.0	2.0	207		
P4SSMJ160CA	A34C	152	160	168	1.0	136	5.0	1.9	219		
P4SSMJ170CA	A35C	162	170	179	1.0	145	5.0	1.8	234		
P4SSMJ180CA	A36C	171	180	189	1.0	154	5.0	1.7	246		
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