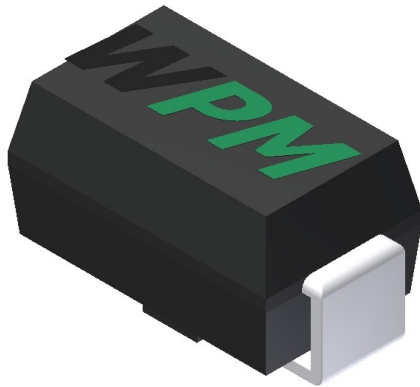


瞬态电压抑制器件 TVS

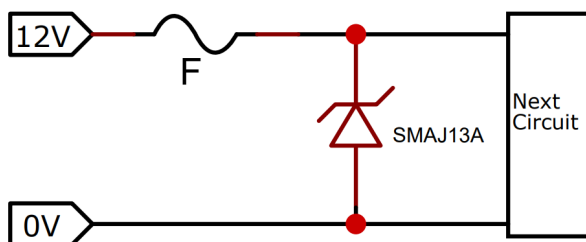
Transient Voltage Suppressors



(TVS产品示例图)

Features

- Optional voltage range 3.3V - 512V
- Peak pulse power loss up to 5000W
- For surface mounted applications
- Reliable low cost construction utilizing molded plastic technique
- Response Time is Typically < 1 ns
- ESD Rating of above 16 kV per Human Body Model
- ESD Rating of above 30 kV (Contact Discharge) per IEC61000-4-2
- EFT (Electrical Fast Transients) Rating of 40 A per IEC61000-4-4
- Qualified to AEC-Q101 Rev_D
- Plastic material has UL flammability classification 94V-0
- Typical IR less than 1uA above 10V
- Meets MSL 1 Requirements
- Solid-state silicon avalanche technology
- ROHS compliant
- WPM technology

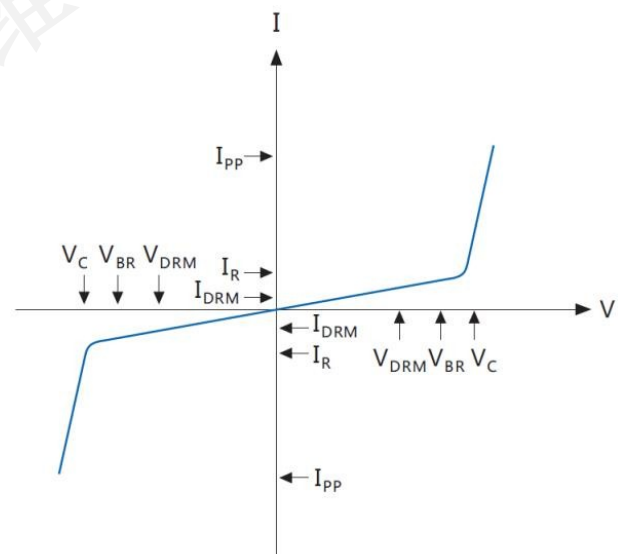


(两级通信线防雷保护电路)

TVS clamp diode for short is a kind of high efficiency circuit protection device commonly used in the world at present. Its appearance is the same as ordinary diode, but it can absorb the surge power up to several kilowatts.

Its main feature is that in reverse application conditions, when it is subjected to a large pulse of high energy, its working impedance immediately drops to the very low conduction value, thus allowing large current to pass, while clamping the voltage at a predetermined level, its response time is less than 1ns, so it can effectively protect the precision components in the electronic circuit.

TVS is widely used in semiconductor and sensitive parts protection, secondary power supply and signal circuit protection, and anti-static, etc.



(V-I曲线)



TVS选型手册

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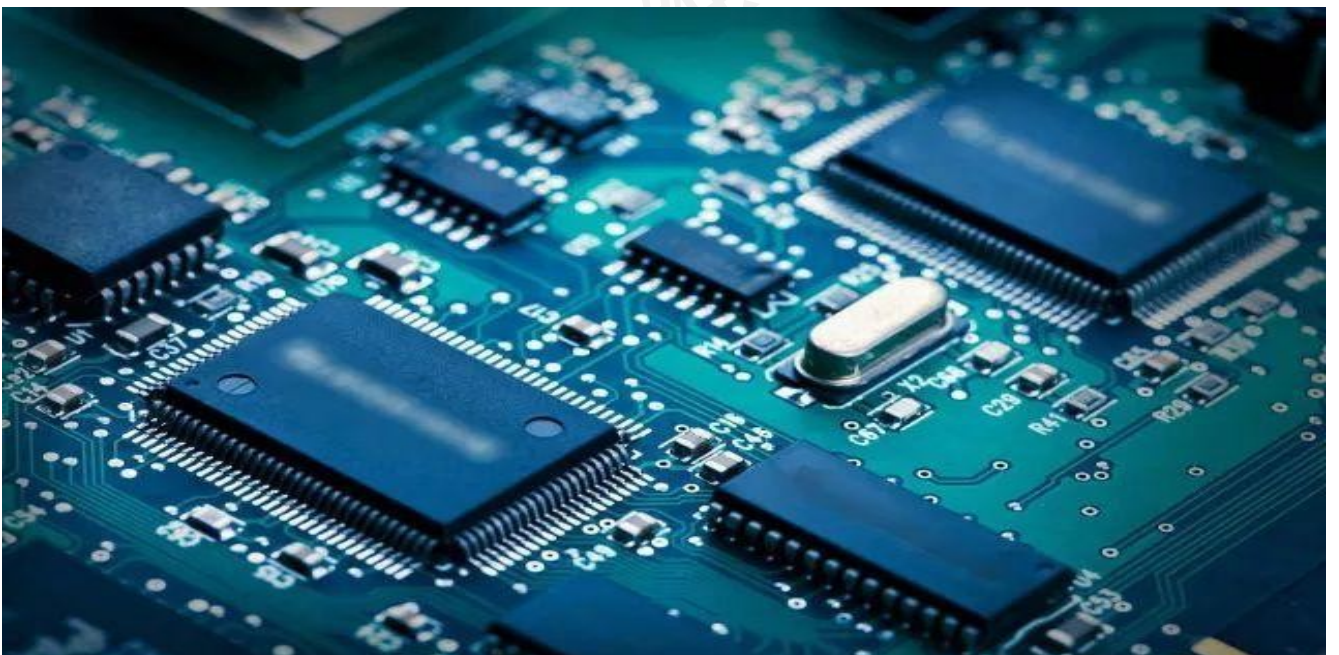
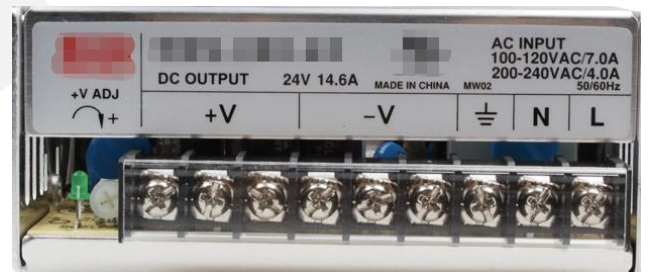
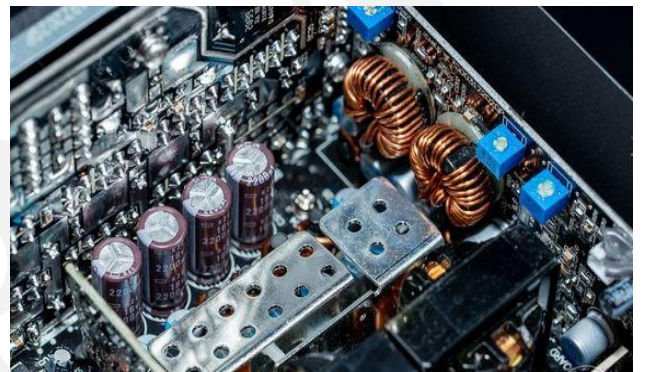
2021年5月

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TVS选型手册

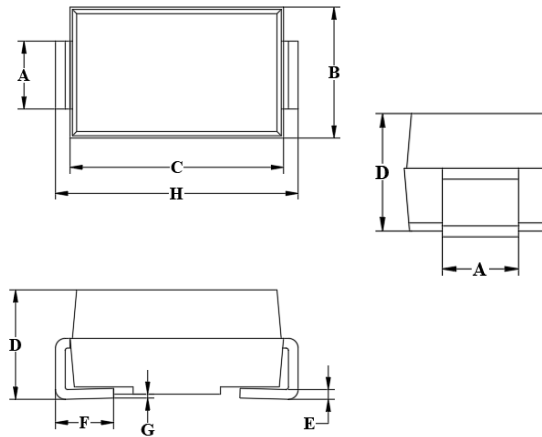
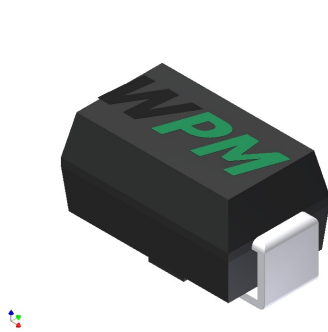
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瞬态电压抑制器件 TVS

SMAJ Series 400W 产品



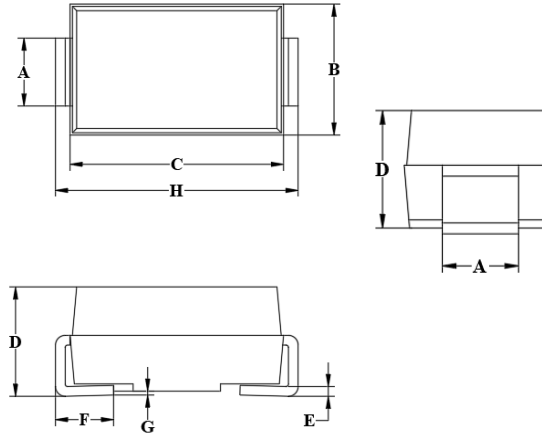
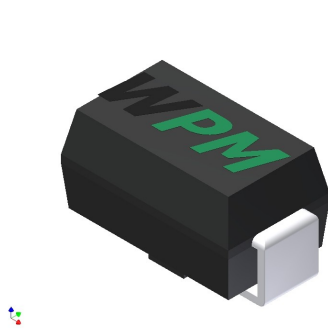
DIM	Millimeters	
	Min	Max
A	1.23	1.80
B	2.50	3.00
C	3.90	5.10
D	1.90	2.45
E	0.10	0.31
F	0.75	1.52
G	0.00	0.203
H	4.80	5.30

SMAJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMAJ3.3A	-	HA	-	3.3	4.1	4.6	1	100	7.3	50	400
SMAJ5.0A	SMAJ5.0CA	HE	TE	5	6.4	7.35	10	800	9.2	43.5	400
SMAJ6.0A	SMAJ6.0CA	HG	TG	6	6.67	7.89	10	800	10.3	38.8	400
SMAJ6.5A	SMAJ6.5CA	HK	TK	6.5	7.22	8.3	10	500	11.2	35.7	400
SMAJ7.0A	SMAJ7.0CA	HM	TM	7	7.78	8.95	10	200	12	33.3	400
SMAJ7.5A	SMAJ7.5CA	HP	TP	7.5	8.33	9.58	1	100	12.9	31	400
SMAJ8.0A	SMAJ8.0CA	HR	TR	8	8.89	10.23	1	50	13.6	29.4	400
SMAJ8.5A	SMAJ8.5CA	HT	TT	8.5	9.44	10.82	1	20	14.4	27.8	400
SMAJ9.0A	SMAJ9.0CA	HV	TV	9	10	11.5	1	10	15.4	26	400
SMAJ10A	SMAJ10CA	HX	TX	10	11.1	12.8	1	5	17	23.5	400
SMAJ11A	SMAJ11CA	HZ	TZ	11	12.2	14	1	5	18.2	22	400
SMAJ12A	SMAJ12CA	IE	UE	12	13.3	15.3	1	5	19.9	20.1	400
SMAJ13A	SMAJ13CA	IG	UG	13	14.4	16.5	1	5	21.5	18.6	400
SMAJ14A	SMAJ14CA	IK	UK	14	15.6	17.9	1	5	23.2	17.2	400
SMAJ15A	SMAJ15CA	IM	UM	15	16.7	19.2	1	5	24.4	16.4	400
SMAJ16A	SMAJ16CA	IP	UP	16	17.8	20.5	1	5	26	15.4	400
SMAJ17A	SMAJ17CA	IR	UR	17	18.9	21.7	1	5	27.6	14.5	400
SMAJ18A	SMAJ18CA	IT	UT	18	20	23.3	1	5	29.2	13.7	400
SMAJ20A	SMAJ20CA	IV	UV	20	22.2	25.5	1	5	32.4	12.3	400
SMAJ22A	SMAJ22CA	IX	UX	22	24.4	28	1	5	35.5	11.3	400
SMAJ24A	SMAJ24CA	IZ	UZ	24	26.7	30.7	1	5	38.9	10.3	400
SMAJ26A	SMAJ26CA	JE	VE	26	28.9	33.2	1	5	42.1	9.5	400
SMAJ28A	SMAJ28CA	JG	VG	28	31.1	35.8	1	5	45.4	8.8	400

SMAJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMAJ30A	SMAJ30CA	JK	VK	30	33.3	38.3	1	5	48.4	8.3	400
SMAJ33A	SMAJ33CA	JM	VM	33	36.7	42.2	1	5	53.3	7.5	400
SMAJ36A	SMAJ36CA	JP	VP	36	40	46	1	5	58.1	6.9	400
SMAJ40A	SMAJ40CA	JR	VR	40	44.4	51.1	1	5	64.5	6.2	400
SMAJ43A	SMAJ43CA	JT	VT	43	47.8	54.9	1	5	69.4	5.8	400
SMAJ45A	SMAJ45CA	JV	VV	45	50	57.5	1	5	72.7	5.5	400
SMAJ48A	SMAJ48CA	JX	VX	48	53.3	61.3	1	5	77.4	5.2	400
SMAJ51A	SMAJ51CA	JZ	VZ	51	56.7	65.2	1	5	82.4	4.9	400
SMAJ54A	SMAJ54CA	RE	WE	54	60	69	1	5	87.1	4.6	400
SMAJ58A	SMAJ58CA	RG	WG	58	64.4	74.1	1	5	93.6	4.3	400
SMAJ60A	SMAJ60CA	RK	WK	60	66.7	76.7	1	5	96.8	4.1	400
SMAJ64A	SMAJ64CA	RM	WM	64	71.1	81.8	1	5	103	3.9	400
SMAJ70A	SMAJ70CA	RP	WP	70	77.8	89.5	1	5	113	3.5	400
SMAJ75A	SMAJ75CA	RR	WR	75	83	95.8	1	5	121	3.3	400
SMAJ78A	SMAJ78CA	RT	WT	78	86	99.7	1	5	126	3.2	400
SMAJ85A	SMAJ85CA	RV	WV	85	94	108.2	1	5	137	2.9	400
SMAJ90A	SMAJ90CA	RX	WX	90	100	115.5	1	5	146	2.7	400
SMAJ100A	SMAJ100CA	RZ	WZ	100	111	128	1	5	162	2.5	400
SMAJ110A	SMAJ110CA	SE	XE	110	122	140.5	1	5	177	2.3	400
SMAJ120A	SMAJ120CA	SG	XG	120	133	153	1	5	193	2.1	400
SMAJ130A	SMAJ130CA	SK	XK	130	144	165.5	1	5	209	1.9	400
SMAJ150A	SMAJ150CA	SM	XM	150	167	192.5	1	5	243	1.6	400
SMAJ160A	SMAJ160CA	SP	XP	160	178	205	1	5	259	1.5	400
SMAJ170A	SMAJ170CA	SR	XR	170	189	217.5	1	5	275	1.5	400
SMAJ180A	SMAJ180CA	ST	XT	180	200	230.4	1	5	290	1.4	400
SMAJ190A	SMAJ190CA	SV	XV	190	211	243.2	1	5	306	1.3	400
SMAJ200A	SMAJ200CA	SX	XX	200	222	256	1	5	322	1.2	400
SMAJ210A	SMAJ210CA	SZ	XZ	210	233	268.8	1	5	339	1.2	400
SMAJ220A	SMAJ220CA	ZE	YE	220	244	281.6	1	5	355	1.1	400
SMAJ250A	SMAJ250CA	ZG	YG	250	278	309	1	5	403	1	400
SMAJ300A	SMAJ300CA	ZK	YK	300	333	371	1	5	484	0.8	400
SMAJ350A	SMAJ350CA	ZM	YM	350	389	432	1	5	565	0.7	400
SMAJ400A	SMAJ400CA	ZP	YP	400	444	494	1	5	645	0.6	400
SMAJ440A	SMAJ440CA	ZR	YR	440	489	543	1	5	710	0.6	400

瞬态电压抑制器件 TVS

SML Series 600W 产品



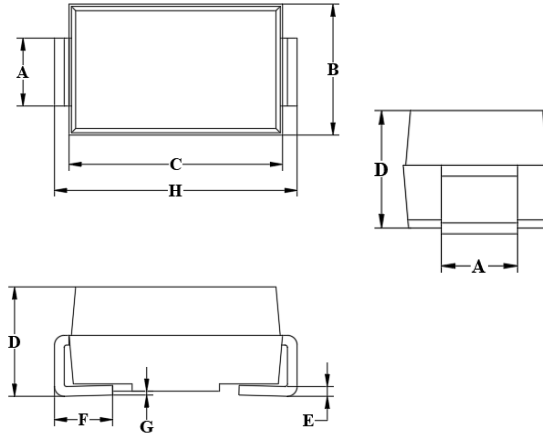
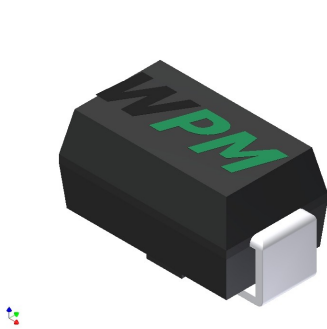
DIM	Millimeters	
	Min	Max
A	1.23	1.80
B	2.50	3.00
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D	1.90	2.45
E	0.10	0.31
F	0.75	1.52
G	0.00	0.203
H	4.80	5.30

SML PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SML5.0A	SML5.0CA	KE	AE	5	6.4	7	10	800	9.2	65.2	600
SML6.0A	SML6.0CA	KG	AG	6	6.67	7.37	10	800	10.3	58.3	600
SML6.5A	SML6.5CA	KK	AK	6.5	7.22	7.98	10	500	11.2	53.6	600
SML7.0A	SML7.0CA	KM	AM	7	7.78	8.6	10	200	12	50	600
SML7.5A	SML7.5CA	KP	AP	7.5	8.33	9.21	1	100	12.9	46.5	600
SML8.0A	SML8.0CA	KR	AR	8	8.89	9.83	1	50	13.6	44.1	600
SML8.5A	SML8.5CA	KT	AT	8.5	9.44	10.4	1	10	14.4	41.7	600
SML9.0A	SML9.0CA	KV	AV	9	10	11.1	1	5	15.4	39	600
SML10A	SML10CA	KX	AX	10	11.1	12.3	1	1	17	35.3	600
SML11A	SML11CA	KZ	AZ	11	12.2	13.5	1	1	18.2	33	600
SML12A	SML12CA	LE	BE	12	13.3	14.7	1	1	19.9	30.2	600
SML13A	SML13CA	LG	BG	13	14.4	15.9	1	1	21.5	27.9	600
SML14A	SML14CA	LK	BK	14	15.6	17.2	1	1	23.2	25.9	600
SML15A	SML15CA	LM	BM	15	16.7	18.5	1	1	24.4	24.6	600
SML16A	SML16CA	LP	BP	16	17.8	19.7	1	1	26	23.1	600
SML17A	SML17CA	LR	BR	17	18.9	20.9	1	1	27.6	21.7	600
SML18A	SML18CA	LT	BT	18	20	22.1	1	1	29.2	20.5	600
SML19A	SML19CA	LB	BB	19	21.1	23.3	1	1	30.8	19.5	600
SML20A	SML20CA	LV	BV	20	22.2	24.5	1	1	32.4	18.5	600
SML22A	SML22CA	LX	BX	22	24.4	26.9	1	1	35.5	16.9	600
SML24A	SML24CA	LZ	BZ	24	26.7	29.5	1	1	38.9	15.4	600
SML26A	SML26CA	ME	CE	26	28.9	31.9	1	1	42.1	14.3	600

SML PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SML28A	SML28CA	MG	CG	28	31.1	34.4	1	1	45.4	13.2	600
SML30A	SML30CA	MK	CK	30	33.3	36.8	1	1	48.4	12.4	600
SML33A	SML33CA	MM	CM	33	36.7	40.6	1	1	53.3	11.3	600
SML36A	SML36CA	MP	CP	36	40	44.2	1	1	58.1	10.3	600
SML40A	SML40CA	MR	CR	40	44.4	49.1	1	1	64.5	9.3	600
SML51A	SML51CA	MZ	CZ	51	56.7	62.7	1	1	82.4	7.3	600
SML58A	SML58CA	NG	DG	58	64.4	71.2	1	1	93.6	6.4	600

瞬态电压抑制器件 TVS

SMS Series 600W 产品



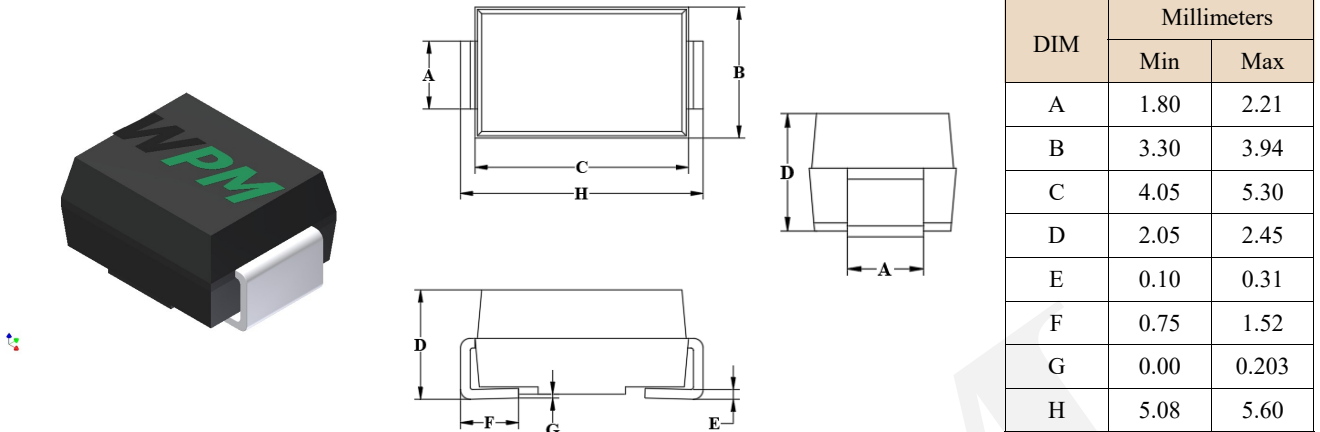
DIM	Millimeters	
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B	2.50	3.00
C	3.90	5.10
D	1.90	2.45
E	0.10	0.31
F	0.75	1.52
G	0.00	0.203
H	4.80	5.30

SMS PART NUMBER		MARKING CODE		V_{RWM}	$V_{BR} @ I_T (V)$		I_T	$I_R @ V_{RWM}$	$V_C (Max)$	$I_{PP} (Max)$	P_{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMS5.0A	SMS5.0CA	KE	AE	5	6.38	7.35	10	800	9.2	65.3	600
SMS6.0A	SMS6.0CA	KG	AG	6	6.67	7.89	10	800	10.3	58.3	600
SMS6.5A	SMS6.5CA	KK	AK	6.5	7.22	8.3	10	500	11.2	53.6	600
SMS7.0A	SMS7.0CA	KM	AM	7	7.78	8.95	10	200	12	50	600
SMS7.5A	SMS7.5CA	KP	AP	7.5	8.33	9.58	1	100	12.9	46.5	600
SMS8.0A	SMS8.0CA	KR	AR	8	8.89	10.23	1	50	13.6	44.1	600
SMS8.5A	SMS8.5CA	KT	AT	8.5	9.44	10.82	1	20	14.4	41.7	600
SMS9.0A	SMS9.0CA	KV	AV	9	10	11.5	1	10	15.4	39	600
SMS10A	SMS10CA	KX	AX	10	11.1	12.8	1	5	17	35.3	600
SMS11A	SMS11CA	KZ	AZ	11	12.2	14	1	5	18.2	33	600
SMS12A	SMS12CA	LE	BE	12	13.3	15.3	1	5	19.9	30.2	600
SMS13A	SMS13CA	LG	BG	13	14.4	16.5	1	5	21.5	27.9	600
SMS14A	SMS14CA	LK	BK	14	15.6	17.9	1	5	23.2	25.9	600
SMS15A	SMS15CA	LM	BM	15	16.7	19.2	1	5	24.4	24.6	600
SMS16A	SMS16CA	LP	BP	16	17.8	20.5	1	5	26	23.1	600
SMS17A	SMS17CA	LR	BR	17	18.9	21.7	1	5	27.6	21.7	600
SMS18A	SMS18CA	LT	BT	18	20	23.3	1	5	29.2	20.5	600
SMS20A	SMS20CA	LV	BV	20	22.2	25.5	1	5	32.4	18.5	600
SMS22A	SMS22CA	LX	BX	22	24.4	28	1	5	35.5	16.9	600
SMS24A	SMS24CA	LZ	BZ	24	26.7	30.7	1	5	38.9	15.4	600
SMS26A	SMS26CA	ME	CE	26	28.9	33.2	1	5	42.1	14.3	600
SMS28A	SMS28CA	MG	CG	28	31.1	35.8	1	5	45.4	13.2	600

SMS PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMS30A	SMS30CA	MK	CK	30	33.3	38.3	1	5	48.4	12.4	600
SMS33A	SMS33CA	MM	CM	33	36.7	42.2	1	5	53.3	11.3	600
SMS36A	SMS36CA	MP	CP	36	40	46	1	5	58.1	10.3	600
SMS40A	SMS40CA	MR	CR	40	44.4	51.1	1	5	64.5	9.3	600
SMS43A	SMS43CA	MT	CT	43	47.8	54.9	1	5	69.4	8.6	600
SMS45A	SMS45CA	MV	CV	45	50	57.5	1	5	72.7	8.3	600
SMS48A	SMS48CA	MX	CX	48	53.3	61.3	1	5	77.4	7.8	600
SMS51A	SMS51CA	MZ	CZ	51	56.7	65.2	1	5	82.4	7.3	600
SMS54A	SMS54CA	NE	DE	54	60	69	1	5	87.1	6.9	600
SMS58A	SMS58CA	NG	DG	58	64.4	74.1	1	5	93.6	6.4	600
SMS60A	SMS60CA	NK	DK	60	66.7	76.7	1	5	96.8	6.2	600
SMS64A	SMS64CA	NM	DM	64	71.1	81.8	1	5	103	5.8	600
SMS70A	SMS70CA	NP	DP	70	77.8	89.5	1	5	113	5.3	600
SMS75A	SMS75CA	NR	DR	75	83	95.8	1	5	121	5	600
SMS78A	SMS78CA	NT	DT	78	86	99.7	1	5	126	4.8	600
SMS85A	SMS85CA	NV	DV	85	94	108.2	1	5	137	4.4	600
SMS90A	SMS90CA	NX	DX	90	100	115.5	1	5	146	4.1	600
SMS100A	SMS100CA	NZ	DZ	100	111	128	1	5	162	3.7	600
SMS110A	SMS110CA	PE	EE	110	122	140.5	1	5	177	3.4	600
SMS120A	SMS120CA	PG	EG	120	133	153	1	5	193	3.1	600
SMS130A	SMS130CA	PK	EK	130	144	165.5	1	5	209	2.9	600
SMS150A	SMS150CA	PM	EM	150	167	192.5	1	5	243	2.5	600
SMS160A	SMS160CA	PP	EP	160	178	205	1	5	259	2.3	600
SMS170A	SMS170CA	PR	ER	170	189	217.5	1	5	275	2.2	600
SMS180A	SMS180CA	PT	ET	180	200	230.4	1	5	290	2.1	600
SMS190A	SMS190CA	PV	EV	190	211	243.2	1	5	306	2	600
SMS200A	SMS200CA	PX	EX	200	222	256	1	5	322	1.9	600
SMS210A	SMS210CA	PZ	EZ	210	233	268.8	1	5	339	1.8	600
SMS220A	SMS220CA	QE	FE	220	244	281.6	1	5	355	1.7	600
SMS250A	SMS250CA	QG	FG	250	278	309	1	5	403	1.5	600
SMS300A	SMS300CA	QK	FK	300	333	371	1	5	484	1.2	600
SMS350A	SMS350CA	QM	FM	350	389	432	1	5	565	1.1	600
SMS400A	SMS400CA	QP	FP	400	444	494	1	5	645	0.9	600
SMS440A	SMS440CA	QR	FR	440	489	543	1	5	710	0.8	600

瞬态电压抑制器件 TVS

SMBJ Series 600W 产品

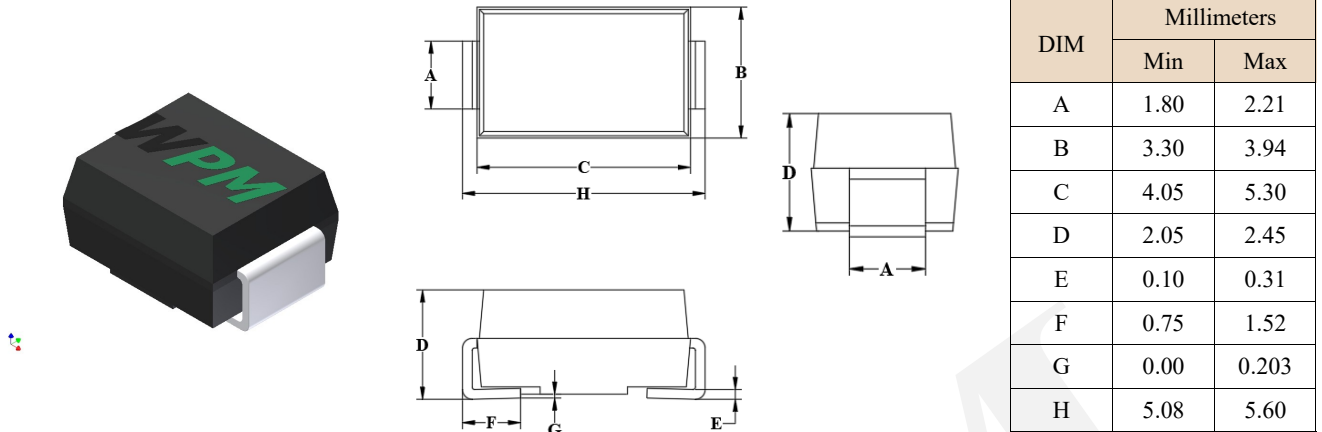


SMBJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMBJ3.3A	-	KC	-	3.3	4.1	4.6	1	100	7.3	82.5	600
SMBJ5.0A	SMBJ5.0CA	KE	AE	5	6.38	7.35	10	800	9.2	65.3	600
SMBJ6.0A	SMBJ6.0CA	KG	AG	6	6.67	7.89	10	800	10.3	58.3	600
SMBJ6.5A	SMBJ6.5CA	KK	AK	6.5	7.22	8.3	10	500	11.2	53.6	600
SMBJ7.0A	SMBJ7.0CA	KM	AM	7	7.78	8.95	10	200	12	50	600
SMBJ7.5A	SMBJ7.5CA	KP	AP	7.5	8.33	9.58	1	100	12.9	46.5	600
SMBJ8.0A	SMBJ8.0CA	KR	AR	8	8.89	10.23	1	50	13.6	44.1	600
SMBJ8.5A	SMBJ8.5CA	KT	AT	8.5	9.44	10.82	1	20	14.4	41.7	600
SMBJ9.0A	SMBJ9.0CA	KV	AV	9	10	11.5	1	10	15.4	39	600
SMBJ10A	SMBJ10CA	KX	AX	10	11.1	12.8	1	5	17	35.3	600
SMBJ11A	SMBJ11CA	KZ	AZ	11	12.2	14	1	5	18.2	33	600
SMBJ12A	SMBJ12CA	LE	BE	12	13.3	15.3	1	5	19.9	30.2	600
SMBJ13A	SMBJ13CA	LG	BG	13	14.4	16.5	1	5	21.5	27.9	600
SMBJ14A	SMBJ14CA	LK	BK	14	15.6	17.9	1	5	23.2	25.9	600
SMBJ15A	SMBJ15CA	LM	BM	15	16.7	19.2	1	5	24.4	24.6	600
SMBJ16A	SMBJ16CA	LP	BP	16	17.8	20.5	1	5	26	23.1	600
SMBJ17A	SMBJ17CA	LR	BR	17	18.9	21.7	1	5	27.6	21.7	600
SMBJ18A	SMBJ18CA	LT	BT	18	20	23.3	1	5	29.2	20.5	600
SMBJ20A	SMBJ20CA	LV	BV	20	22.2	25.5	1	5	32.4	18.5	600
SMBJ22A	SMBJ22CA	LX	BX	22	24.4	28	1	5	35.5	16.9	600
SMBJ24A	SMBJ24CA	LZ	BZ	24	26.7	30.7	1	5	38.9	15.4	600
SMBJ26A	SMBJ26CA	ME	CE	26	28.9	33.2	1	5	42.1	14.3	600
SMBJ28A	SMBJ28CA	MG	CG	28	31.1	35.8	1	5	45.4	13.2	600

SMBJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMBJ30A	SMBJ30CA	MK	CK	30	33.3	38.3	1	5	48.4	12.4	600
SMBJ33A	SMBJ33CA	MM	CM	33	36.7	42.2	1	5	53.3	11.3	600
SMBJ36A	SMBJ36CA	MP	CP	36	40	46	1	5	58.1	10.3	600
SMBJ40A	SMBJ40CA	MR	CR	40	44.4	51.1	1	5	64.5	9.3	600
SMBJ43A	SMBJ43CA	MT	CT	43	47.8	54.9	1	5	69.4	8.6	600
SMBJ45A	SMBJ45CA	MV	CV	45	50	57.5	1	5	72.7	8.3	600
SMBJ48A	SMBJ48CA	MX	CX	48	53.3	61.3	1	5	77.4	7.8	600
SMBJ51A	SMBJ51CA	MZ	CZ	51	56.7	65.2	1	5	82.4	7.3	600
SMBJ54A	SMBJ54CA	NE	DE	54	60	69	1	5	87.1	6.9	600
SMBJ58A	SMBJ58CA	NG	DG	58	64.4	74.1	1	5	93.6	6.4	600
SMBJ60A	SMBJ60CA	NK	DK	60	66.7	76.7	1	5	96.8	6.2	600
SMBJ64A	SMBJ64CA	NM	DM	64	71.1	81.8	1	5	103	5.8	600
SMBJ70A	SMBJ70CA	NP	DP	70	77.8	89.5	1	5	113	5.3	600
SMBJ75A	SMBJ75CA	NR	DR	75	83	95.8	1	5	121	5	600
SMBJ78A	SMBJ78CA	NT	DT	78	86	99.7	1	5	126	4.8	600
SMBJ85A	SMBJ85CA	NV	DV	85	94	108.2	1	5	137	4.4	600
SMBJ90A	SMBJ90CA	NX	DX	90	100	115.5	1	5	146	4.1	600
SMBJ100A	SMBJ100CA	NZ	DZ	100	111	128	1	5	162	3.7	600
SMBJ110A	SMBJ110CA	PE	EE	110	122	140.5	1	5	177	3.4	600
SMBJ120A	SMBJ120CA	PG	EG	120	133	153	1	5	193	3.1	600
SMBJ130A	SMBJ130CA	PK	EK	130	144	165.5	1	5	209	2.9	600
SMBJ150A	SMBJ150CA	PM	EM	150	167	192.5	1	5	243	2.5	600
SMBJ160A	SMBJ160CA	PP	EP	160	178	205	1	5	259	2.3	600
SMBJ170A	SMBJ170CA	PR	ER	170	189	217.5	1	5	275	2.2	600
SMBJ180A	SMBJ180CA	PT	ET	180	200	230.4	1	5	290	2.1	600
SMBJ190A	SMBJ190CA	PV	EV	190	211	243.2	1	5	306	2	600
SMBJ200A	SMBJ200CA	PX	EX	200	222	256	1	5	322	1.9	600
SMBJ210A	SMBJ210CA	PZ	EZ	210	233	268.8	1	5	339	1.8	600
SMBJ220A	SMBJ220CA	QE	FE	220	244	281.6	1	5	355	1.7	600
SMBJ250A	SMBJ250CA	QG	FG	250	278	309	1	5	403	1.5	600
SMBJ300A	SMBJ300CA	QK	FK	300	333	371	1	5	484	1.2	600
SMBJ350A	SMBJ350CA	QM	FM	350	389	432	1	5	565	1.1	600
SMBJ400A	SMBJ400CA	QP	FP	400	444	494	1	5	645	0.9	600
SMBJ440A	SMBJ440CA	QR	FR	440	489	543	1	5	710	0.8	600

瞬态电压抑制器件 TVS

1.0SMBJ Series 1000W 产品

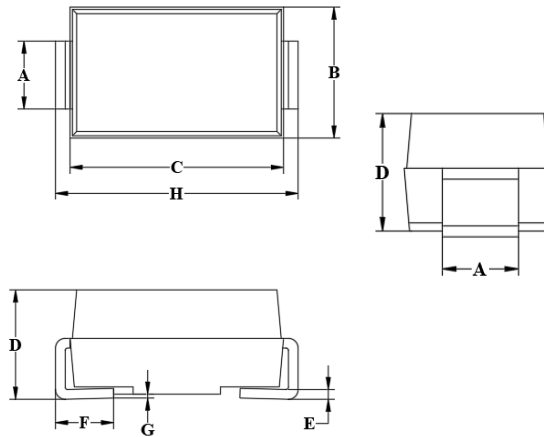
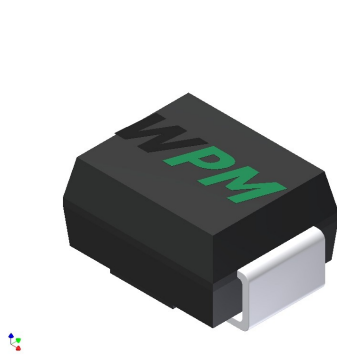


1.0SMBJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
1.0SMBJ5.0A	1.0SMBJ5.0CA	A5	C5	5	6.4	7	10	200	9.2	108.7	1000
1.0SMBJ6.0A	1.0SMBJ6.0CA	A6	C6	6	6.67	7.37	10	200	10.3	97.1	1000
1.0SMBJ6.5A	1.0SMBJ6.5CA	A6V	C6V	6.5	7.22	7.98	10	100	11.2	89.3	1000
1.0SMBJ7.0A	1.0SMBJ7.0CA	A7	C7	7	7.78	8.6	10	80	12	83.4	1000
1.0SMBJ7.5A	1.0SMBJ7.5CA	A7V	C7V	7.5	8.33	9.21	1	50	12.9	77.6	1000
1.0SMBJ8.0A	1.0SMBJ8.0CA	A8	C8	8	8.89	9.83	1	20	13.6	73.6	1000
1.0SMBJ8.5A	1.0SMBJ8.5CA	A8V	C8V	8.5	9.44	10.4	1	10	14.4	69.5	1000
1.0SMBJ9.0A	1.0SMBJ9.0CA	A9	C9	9	10	11.1	1	5	15.4	65	1000
1.0SMBJ10A	1.0SMBJ10CA	A10	C10	10	11.1	12.3	1	2	17	58.9	1000
1.0SMBJ11A	1.0SMBJ11CA	A11	C11	11	12.2	13.5	1	1	18.2	55	1000
1.0SMBJ12A	1.0SMBJ12CA	A12	C12	12	13.3	14.7	1	1	19.9	50.3	1000
1.0SMBJ13A	1.0SMBJ13CA	A13	C13	13	14.4	15.9	1	1	21.5	46.6	1000
1.0SMBJ14A	1.0SMBJ14CA	A14	C14	14	15.6	17.2	1	1	23.2	43.1	1000
1.0SMBJ15A	1.0SMBJ15CA	A15	C15	15	16.7	18.5	1	1	24.4	41	1000
1.0SMBJ16A	1.0SMBJ16CA	A16	C16	16	17.8	19.7	1	1	26	38.5	1000
1.0SMBJ17A	1.0SMBJ17CA	A17	C17	17	18.9	20.9	1	1	27.6	36.3	1000
1.0SMBJ18A	1.0SMBJ18CA	A18	C18	18	20	22.1	1	1	29.2	34.3	1000
1.0SMBJ20A	1.0SMBJ20CA	A20	C20	20	22.2	24.5	1	1	32.4	30.9	1000
1.0SMBJ22A	1.0SMBJ22CA	A22	C22	22	24.4	26.9	1	1	35.5	28.2	1000
1.0SMBJ24A	1.0SMBJ24CA	A24	C24	24	26.7	29.5	1	1	38.9	25.7	1000
1.0SMBJ26A	1.0SMBJ26CA	A26	C26	26	28.9	31.9	1	1	42.1	23.8	1000
1.0SMBJ28A	1.0SMBJ28CA	A28	C28	28	31.1	34.4	1	1	45.4	22.1	1000

1.0SMBJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(μ A)	(V)	(A)	W
1.0SMBJ30A	1.0SMBJ30CA	A30	C30	30	33.3	36.8	1	1	48.4	20.7	1000
1.0SMBJ33A	1.0SMBJ33CA	A33	C33	33	36.7	40.6	1	1	53.3	18.8	1000
1.0SMBJ36A	1.0SMBJ36CA	A36	C36	36	40	44.2	1	1	58.1	17.3	1000
1.0SMBJ40A	1.0SMBJ40CA	A40	C40	40	44.4	49.1	1	1	64.5	15.5	1000
1.0SMBJ43A	1.0SMBJ43CA	A43	C43	43	47.8	52.8	1	1	69.4	14.4	1000
1.0SMBJ45A	1.0SMBJ45CA	A45	C45	45	50	55.3	1	1	72.7	13.8	1000
1.0SMBJ48A	1.0SMBJ48CA	A48	C48	48	53.3	58.9	1	1	77.4	13	1000
1.0SMBJ51A	1.0SMBJ51CA	A51	C51	51	56.7	62.7	1	1	82.4	12.2	1000
1.0SMBJ54A	1.0SMBJ54CA	A54	C54	54	60	66.3	1	1	87.1	11.5	1000
1.0SMBJ58A	1.0SMBJ58CA	A58	C58	58	64.4	71.2	1	1	93.6	10.7	1000
1.0SMBJ60A	1.0SMBJ60CA	A60	C60	60	66.7	73.7	1	1	96.8	10.4	1000
1.0SMBJ64A	1.0SMBJ64CA	A64	C64	64	71.1	78.6	1	1	103	9.7	1000
1.0SMBJ70A	1.0SMBJ70CA	A70	C70	70	77.8	86	1	1	113	8.9	1000
1.0SMBJ75A	1.0SMBJ75CA	A75	C75	75	83.3	92.1	1	1	121	8.3	1000
1.0SMBJ78A	1.0SMBJ78CA	A78	C78	78	86.7	95.8	1	1	126	8	1000
1.0SMBJ85A	1.0SMBJ85CA	A85	C85	85	94.4	104	1	1	137	7.3	1000
1.0SMBJ90A	1.0SMBJ90CA	A90	C90	90	100	111	1	1	146	6.9	1000
1.0SMBJ100A	1.0SMBJ100CA	A100	C100	100	111	123	1	1	162	6.2	1000
1.0SMBJ110A	1.0SMBJ110CA	A110	C110	110	122	135	1	1	177	5.7	1000
1.0SMBJ120A	1.0SMBJ120CA	A120	C120	120	133	147	1	1	193	5.2	1000
1.0SMBJ130A	1.0SMBJ130CA	A130	C130	130	144	159	1	1	209	4.8	1000
1.0SMBJ150A	1.0SMBJ150CA	A150	C150	150	167	185	1	1	243	4.2	1000
1.0SMBJ160A	1.0SMBJ160CA	A160	C160	160	178	197	1	1	259	3.9	1000
1.0SMBJ170A	1.0SMBJ170CA	A170	C170	170	189	209	1	1	275	3.7	1000
1.0SMBJ180A	1.0SMBJ180CA	A180	C180	180	201	222	1	1	292	3.5	1000
1.0SMBJ200A	1.0SMBJ200CA	A190	C190	190	211	234	1	1	307	3.3	1000
1.0SMBJ220A	1.0SMBJ220CA	A200	C200	200	224	247	1	1	324	3.1	1000

瞬态电压抑制器件 TVS

1.5SMBJ Series 1500W 产品



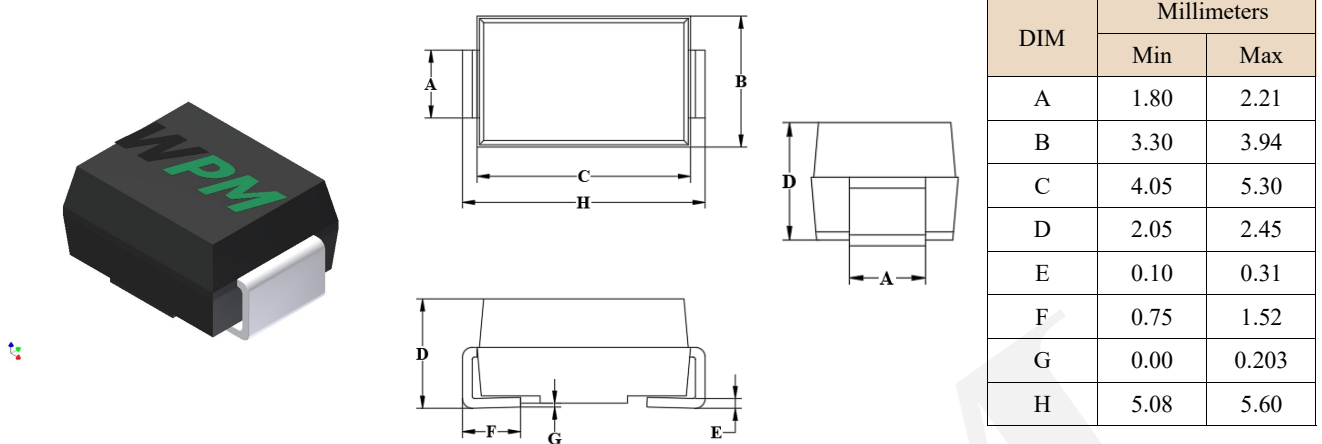
DIM	Millimeters	
	Min	Max
A	1.80	2.21
B	3.30	3.94
C	4.05	5.30
D	2.05	2.45
E	0.10	0.31
F	0.75	1.52
G	0.00	0.203
H	5.08	5.60

1.5SMBJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
1.5SMBJ5.0A	1.5SMBJ5.0CA	GDE	BDE	5	6.4	7.35	10	800	9.2	163	1500
1.5SMBJ6.0A	1.5SMBJ6.0CA	GDG	BDG	6	6.67	7.89	10	800	10.3	145.6	1500
1.5SMBJ6.5A	1.5SMBJ6.5CA	GDK	BDK	6.5	7.22	8.3	10	500	11.2	133.9	1500
1.5SMBJ7.0A	1.5SMBJ7.0CA	GDM	BDM	7	7.78	8.95	10	200	12	125	1500
1.5SMBJ7.5A	1.5SMBJ7.5CA	GDP	BDP	7.5	8.33	9.58	1	100	12.9	116.3	1500
1.5SMBJ8.0A	1.5SMBJ8.0CA	GDR	BDR	8	8.89	10.23	1	50	13.6	110.3	1500
1.5SMBJ8.5A	1.5SMBJ8.5CA	GDT	BDT	8.5	9.44	10.82	1	20	14.4	104.2	1500
1.5SMBJ9.0A	1.5SMBJ9.0CA	GDV	BDV	9	10	11.5	1	10	15.4	97.4	1500
1.5SMBJ10A	1.5SMBJ10CA	GDX	BDX	10	11.1	12.8	1	5	17	88.2	1500
1.5SMBJ11A	1.5SMBJ11CA	GDZ	BDZ	11	12.2	14	1	5	18.2	82.4	1500
1.5SMBJ12A	1.5SMBJ12CA	GEE	BEE	12	13.3	15.3	1	5	19.9	75.4	1500
1.5SMBJ13A	1.5SMBJ13CA	GEG	BEG	13	14.4	16.5	1	5	21.5	69.8	1500
1.5SMBJ14A	1.5SMBJ14CA	GEK	BEK	14	15.6	17.9	1	5	23.2	64.7	1500
1.5SMBJ15A	1.5SMBJ15CA	GEM	BEM	15	16.7	19.2	1	5	24.4	61.5	1500
1.5SMBJ16A	1.5SMBJ16CA	GEP	BEP	16	17.8	20.5	1	5	26	57.7	1500
1.5SMBJ17A	1.5SMBJ17CA	GER	BER	17	18.9	21.7	1	5	27.6	54.3	1500
1.5SMBJ18A	1.5SMBJ18CA	GET	BET	18	20	23.3	1	5	29.2	51.4	1500
1.5SMBJ20A	1.5SMBJ20CA	GEV	BEV	20	22.2	25.5	1	5	32.4	46.3	1500
1.5SMBJ22A	1.5SMBJ22CA	GEX	BEX	22	24.4	28	1	5	35.5	42.3	1500
1.5SMBJ24A	1.5SMBJ24CA	GEZ	BEZ	24	26.7	30.7	1	5	38.9	38.6	1500
1.5SMBJ26A	1.5SMBJ26CA	GFE	BFE	26	28.9	33.2	1	5	42.1	35.6	1500
1.5SMBJ28A	1.5SMBJ28CA	GFG	BFG	28	31.1	35.8	1	5	45.4	33	1500

1.5SMBJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(μ A)	(V)	(A)	W
1.5SMBJ30A	1.5SMBJ30CA	GFK	BFK	30	33.3	38.3	1	5	48.4	31	1500
1.5SMBJ33A	1.5SMBJ33CA	GFM	BFM	33	36.7	42.2	1	5	53.3	28.1	1500
1.5SMBJ36A	1.5SMBJ36CA	GFP	BFP	36	40	46	1	5	58.1	25.8	1500
1.5SMBJ40A	1.5SMBJ40CA	GFR	BFR	40	44.4	51.1	1	5	64.5	23.3	1500
1.5SMBJ43A	1.5SMBJ43CA	GFT	BFT	43	47.8	54.9	1	5	69.4	21.6	1500
1.5SMBJ45A	1.5SMBJ45CA	GFV	BFV	45	50	57.5	1	5	72.7	20.6	1500
1.5SMBJ48A	1.5SMBJ48CA	GFX	BFX	48	53.3	61.3	1	5	77.4	19.4	1500
1.5SMBJ51A	1.5SMBJ51CA	GFZ	BFZ	51	56.7	65.2	1	5	82.4	18.2	1500
1.5SMBJ54A	1.5SMBJ54CA	GGE	BGE	54	60	69	1	5	87.1	17.2	1500
1.5SMBJ58A	1.5SMBJ58CA	GGG	BGG	58	64.4	74.1	1	5	93.6	16	1500
1.5SMBJ60A	1.5SMBJ60CA	GGK	BGK	60	66.7	76.7	1	5	96.8	15.5	1500
1.5SMBJ64A	1.5SMBJ64CA	GGM	BGM	64	71.1	81.8	1	5	103	14.6	1500
1.5SMBJ70A	1.5SMBJ70CA	GGP	BGP	70	77.8	89.5	1	5	113	13.3	1500
1.5SMBJ75A	1.5SMBJ75CA	GGR	BGR	75	83	95.8	1	5	121	12.4	1500
1.5SMBJ78A	1.5SMBJ78CA	GGT	BGT	78	86	99.7	1	5	126	11.9	1500
1.5SMBJ85A	1.5SMBJ85CA	GGV	BGV	85	94	108.2	1	5	137	10.9	1500
1.5SMBJ90A	1.5SMBJ90CA	GGX	BGX	90	100	115.5	1	5	146	10.3	1500
1.5SMBJ100A	1.5SMBJ100CA	GGZ	BGZ	100	111	128	1	5	162	9.3	1500
1.5SMBJ110A	1.5SMBJ110CA	GHE	BHE	110	122	140.5	1	5	177	8.5	1500
1.5SMBJ120A	1.5SMBJ120CA	GHG	BHG	120	133	153	1	5	193	7.8	1500
1.5SMBJ130A	1.5SMBJ130CA	GHK	BHK	130	144	165.5	1	5	209	7.2	1500
1.5SMBJ150A	1.5SMBJ150CA	GHM	BHM	150	167	192.5	1	5	243	6.2	1500
1.5SMBJ160A	1.5SMBJ160CA	GHP	BHP	160	178	205	1	5	259	5.8	1500
1.5SMBJ170A	1.5SMBJ170CA	GHR	BHR	170	189	217.5	1	5	275	5.5	1500
1.5SMBJ180A	1.5SMBJ180CA	GHT	BHT	180	200	230.4	1	5	290	5.2	1500
1.5SMBJ190A	1.5SMBJ190CA	GHU	BHU	190	211	243.2	1	5	306	4.9	1500
1.5SMBJ200A	1.5SMBJ200CA	GHV	BHV	200	222	256	1	5	322	4.7	1500
1.5SMBJ210A	1.5SMBJ210CA	GHW	BHW	210	233	268.8	1	5	339	4.4	1500
1.5SMBJ220A	1.5SMBJ220CA	GHX	BHX	220	244	281.6	1	5	355	4.2	1500
1.5SMBJ250A	1.5SMBJ250CA	GJG	BJG	250	278	309	1	5	403	3.7	1500
1.5SMBJ300A	1.5SMBJ300CA	GJK	BJK	300	333	371	1	5	484	3.1	1500
1.5SMBJ350A	1.5SMBJ350CA	GJM	BJM	350	389	432	1	5	565	2.7	1500
1.5SMBJ400A	1.5SMBJ400CA	GJP	BJP	400	444	494	1	5	645	2.3	1500
1.5SMBJ440A	1.5SMBJ440CA	GJR	BJR	440	489	543	1	5	710	2.1	1500
1.5SMBJ440A	1.5SMBJ440CA	GJR	BJR	440	489	543	1	5	710	2.1	1500

瞬态电压抑制器件 TVS

P6SMB Series 600W 产品

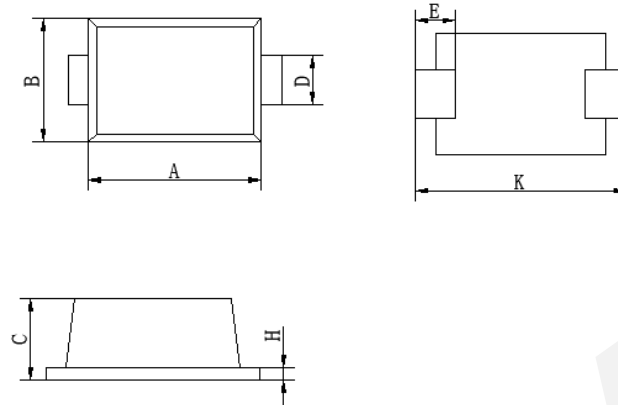
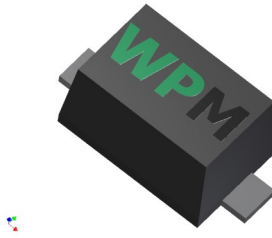


P6SMB PART NUMBER		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
P6SMB6.8A	P6SMB6.8CA	5.8	6.45	7.14	10	150	10.5	58.1	600
P6SMB7.5A	P6SMB7.5CA	6.4	7.13	7.88	10	100	11.3	54	600
P6SMB8.2A	P6SMB8.2CA	7.02	7.79	8.61	10	50	12.1	50.4	600
P6SMB9.1A	P6SMB9.1CA	7.78	8.65	9.55	1	20	13.4	45.5	600
P6SMB10A	P6SMB10CA	8.55	9.5	10.5	1	10	14.5	42.1	600
P6SMB11A	P6SMB11CA	9.4	10.5	11.6	1	5	15.6	39.1	600
P6SMB12A	P6SMB12CA	10.2	11.4	12.6	1	2	16.7	36.5	600
P6SMB13A	P6SMB13CA	11.1	12.4	13.7	1	1	18.2	33.5	600
P6SMB15A	P6SMB15CA	12.8	14.3	15.8	1	1	21.2	28.8	600
P6SMB16A	P6SMB16CA	13.6	15.2	16.8	1	1	22.5	27.1	600
P6SMB18A	P6SMB18CA	15.3	17.1	18.9	1	1	25.2	24.2	600
P6SMB20A	P6SMB20CA	17.1	19	21	1	1	27.7	21.7	600
P6SMB22A	P6SMB22CA	18.8	20.9	23.1	1	1	30.6	19.7	600
P6SMB24A	P6SMB24CA	20.5	22.8	25.2	1	1	33.2	18.4	600
P6SMB27A	P6SMB27CA	23.1	25.7	28.4	1	1	37.5	16.3	600
P6SMB30A	P6SMB30CA	25.6	28.5	31.5	1	1	41.4	14.7	600
P6SMB33A	P6SMB33CA	28.2	31.4	34.7	1	1	45.7	13.3	600
P6SMB36A	P6SMB36CA	30.8	34.2	37.8	1	1	49.9	12.2	600
P6SMB39A	P6SMB39CA	33.3	37.1	41	1	1	53.9	11.3	600
P6SMB43A	P6SMB43CA	36.8	40.9	45.2	1	1	59.3	10.3	600
P6SMB47A	P6SMB47CA	40.2	44.7	49.4	1	1	64.8	9.3	600
P6SMB51A	P6SMB51CA	43.6	48.5	53.6	1	1	70.1	8.6	600

P6SMB PART NUMBER		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
P6SMB56A	P6SMB56CA	47.8	53.2	58.8	1	1	77	7.8	600
P6SMB62A	P6SMB62CA	53	58.9	65.1	1	1	85	7.1	600
P6SMB68A	P6SMB68CA	58.1	64.6	71.4	1	1	92	6.6	600
P6SMB75A	P6SMB75CA	64.1	71.3	78.8	1	1	103	5.9	600
P6SMB82A	P6SMB82CA	70.1	77.9	86.1	1	1	113	5.4	600
P6SMB91A	P6SMB91CA	77.8	86.5	95.5	1	1	125	4.8	600
P6SMB100A	P6SMB100CA	85.5	95	105	1	1	137	4.4	600
P6SMB110A	P6SMB110CA	94	105	116	1	1	152	4	600
P6SMB120A	P6SMB120CA	102	114	126	1	1	165	3.7	600
P6SMB130A	P6SMB130CA	111	124	137	1	1	179	3.4	600
P6SMB150A	P6SMB150CA	128	143	158	1	1	207	2.9	600
P6SMB160A	P6SMB160CA	136	152	168	1	1	219	2.8	600
P6SMB170A	P6SMB170CA	145	162	179	1	1	234	2.6	600
P6SMB180A	P6SMB180CA	154	171	189	1	1	246	2.5	600
P6SMB200A	P6SMB200CA	171	190	210	1	1	274	2.2	600
P6SMB220A	P6SMB220CA	185	209	231	1	1	328	1.9	600
P6SMB250A	P6SMB250CA	214	237	263	1	1	344	1.8	600
P6SMB300A	P6SMB300CA	256	285	315	1	1	414	1.5	600
P6SMB350A	P6SMB350CA	300	332	368	1	1	482	1.3	600
P6SMB400A	P6SMB400CA	342	380	420	1	1	548	1.1	600
P6SMB440A	P6SMB440CA	376	418	462	1	1	602	1	600
P6SMB480A	P6SMB480CA	408	456	504	1	1	658	0.9	600
P6SMB510A	P6SMB510CA	434	485	535	1	1	698	0.9	600
P6SMB550A	P6SMB550CA	460	513	567	1	1	740	0.8	600
P6SMB600A	P6SMB600CA	512	570	630	1	1	828	0.75	600

瞬态电压抑制器件 TVS

SMFxxA Series 产品



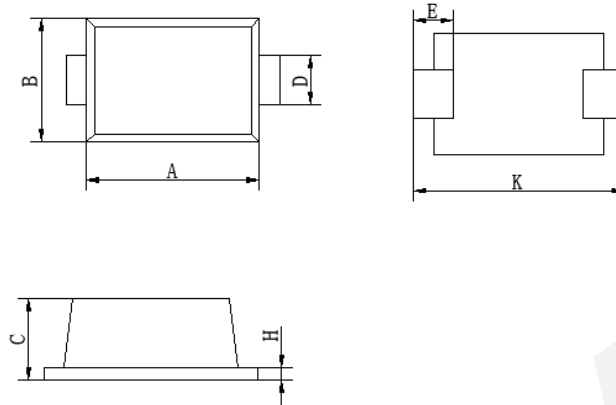
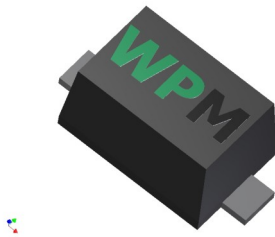
DIM	Millimeters	
	Min	Max
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B	1.60	2.00
C	0.95	1.35
D	0.80	1.20
E	0.30	0.90
H	0.10	0.30
K	3.45	3.95

SMFxxA PART NUMBER	MARKING CODE	V_{RWM}	$V_{BR} @ I_T$ (V)			I_T	$I_r @ V_{RWM}$	V_C (Max)	I_{PP} (Max)	IEC 61000-4-2
Uni	Uni	(V)	Min	Nom	Max	(mA)	(uA)	(V)	(A)	W
SMF5.0A	KE	5	6.4	6.8	7.25	10	400	9.2	21.7	± 30
SMF6.0A	KG	6	6.67	7.02	7.37	10	400	10.3	19.4	± 30
SMF6.5A	KK	6.5	7.22	7.6	7.98	10	250	11.2	17.9	± 30
SMF7.0A	KM	7	7.78	8.2	8.6	10	100	12	16.7	± 30
SMF7.5A	KP	7.5	8.33	8.77	9.21	1	50	12.9	15.5	± 30
SMF8.0A	KR	8	8.89	9.36	9.83	1	25	13.6	14.7	± 30
SMF8.5A	KT	8.5	9.44	9.92	10.4	1	10	14.4	13.9	± 30
SMF9.0A	KV	9	10	10.55	11.1	1	5	15.4	13	± 30
SMF10A	KX	10	11.1	11.7	12.3	1	2.5	17	11.8	± 30
SMF11A	KZ	11	12.2	12.85	13.5	1	2.5	18.2	11	± 30
SMF12A	LE	12	13.3	14	14.7	1	2.5	19.9	10.1	± 30
SMF13A	LG	13	14.4	15.15	15.9	1	1	21.5	9.3	± 30
SMF14A	LK	14	15.6	16.4	17.2	1	1	23.2	8.6	± 30
SMF15A	LM	15	16.7	17.6	18.5	1	1	24.4	8.2	± 30
SMF18A	LT	18	20	21	22.1	1	1	29.2	6.8	± 30
SMF20A	LV	20	22.2	23.35	24.5	1	1	32.4	6.2	± 30
SMF22A	LX	22	24.4	25.6	26.9	1	1	35.5	5.6	± 30
SMF24A	LZ	24	26.7	28.1	29.5	1	1	38.9	5.1	± 30
SMF26A	ME	26	28.9	30.4	31.9	1	1	42.1	4.8	± 30
SMF28A	MG	28	31.1	32.8	34.4	1	1	45.4	4.4	± 30
SMF30A	MK	30	33.3	35.1	36.8	1	1	48.4	4.1	± 30
SMF33A	MM	33	36.7	38.7	40.6	1	1	53.3	3.8	± 30

SMFxxA PART NUMBER	MARKING CODE	V _{RWM}	V _{BR} @ I _T (V)			I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	IEC 61000-4-2
Uni	Uni	(V)	Min	Nom	Max	(mA)	(uA)	(V)	(A)	W
SMF36A	MP	36	40	42.1	44.2	1	1	58.1	3.4	± 30
SMF45A	MV	45	50	52.65	55.3	1	1	72.7	2.7	± 30
SMF48A	MX	48	53.3	56.1	58.9	1	1	77.4	2.6	± 30
SMF51A	MZ	51	56.7	59.7	62.7	1	1	82.4	2.4	± 30
SMF54A	NE	54	60	66.3	63.1	1	1	87.1	2.3	± 30
SMF58A	NG	58	64.4	67.8	71.2	1	1	93.6	2.1	± 30
SMF60A	NK	60	66.77	69.7	73.7	1	1	96.8	1.8	± 30
SMF64A	NM	64	71.1	74.9	78.6	1	1	103.0	1.7	± 30

瞬态电压抑制器件 TVS

P4SMFxxA Series 产品



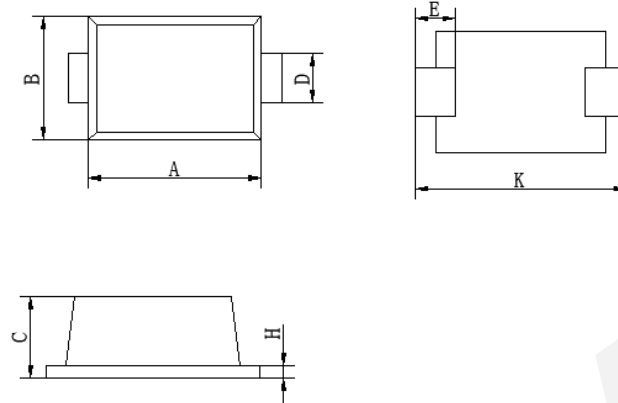
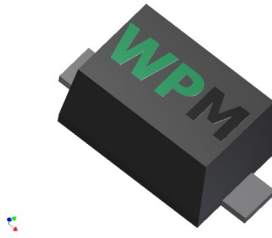
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B	1.60	2.00
C	0.95	1.35
D	0.80	1.20
E	0.30	0.90
H	0.10	0.30
K	3.45	3.95

P4SMFxxA PART NUMBER	MARKING CODE	V _{RWM}	V _{BR} @ I _T (V)			I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	IEC 61000-4-2
Uni	Uni	(V)	Min	Nom	Max	(mA)	(uA)	(V)	(A)	W
P4SMF3.3A	A1	3.3	5.2	5.6	6	10	600	8	43.8	± 30
P4SMF5.0A	A2	5	6.4	6.8	7.25	10	400	9.2	43.5	± 30
P4SMF6.0A	A3	6	6.67	7.02	7.37	10	400	10.3	38.8	± 30
P4SMF6.5A	A4	6.5	7.22	7.6	7.98	10	250	11.2	35.7	± 30
P4SMF7.0A	A5	7	7.78	8.2	8.6	10	100	12	33.3	± 30
P4SMF7.5A	A6	7.5	8.33	8.77	9.21	1	50	12.9	31	± 30
P4SMF8.0A	A7	8	8.89	9.36	9.83	1	25	13.6	29.4	± 30
P4SMF8.5A	A8	8.5	9.44	9.92	10.4	1	10	14.4	27.8	± 30
P4SMF9.0A	A9	9	10	10.55	11.1	1	5	15.4	26	± 30
P4SMF10A	AA	10	11.1	11.7	12.3	1	2.5	17	23.5	± 30
P4SMF11A	AB	11	12.2	12.85	13.5	1	2.5	18.2	22	± 30
P4SMF12A	AC	12	13.3	14	14.7	1	2.5	19.9	20.1	± 30
P4SMF13A	AD	13	14.4	15.15	15.9	1	1	21.5	18.6	± 30
P4SMF14A	AE	14	15.6	16.4	17.2	1	1	23.2	17.2	± 30
P4SMF15A	AF	15	16.7	17.6	18.5	1	1	24.4	16.4	± 30
P4SMF16A	AG	16	17.8	18.75	19.7	1	1	26	15.4	± 30
P4SMF17A	AH	17	18.9	19.9	20.9	1	1	27.6	14.5	± 30
P4SMF18A	AK	18	20	21	22.1	1	1	29.2	13.7	± 30
P4SMF20A	AL	20	22.2	23.35	24.5	1	1	32.4	12.3	± 30
P4SMF22A	AM	22	24.4	25.6	26.9	1	1	35.5	11.3	± 30
P4SMF24A	AN	24	26.7	28.1	29.5	1	1	38.9	10.3	± 30
P4SMF26A	AP	26	28.9	30.4	31.9	1	1	42.1	9.5	± 30

P4SMFxxA PART NUMBER	MARKING CODE	V _{RWM}	V _{BR} @ I _T (V)			I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	IEC 61000-4-2
Uni	Uni	(V)	Min	Nom	Max	(mA)	(uA)	(V)	(A)	W
P4SMF28A	AR	28	31.1	32.8	34.4	1	1	45.4	8.8	± 30
P4SMF30A	AS	30	33.3	35.1	36.8	1	1	48.4	8.3	± 30
P4SMF33A	AT	33	36.7	38.7	40.6	1	1	53.3	7.5	± 30
P4SMF36A	AU	36	40	42.1	44.2	1	1	58.1	6.9	± 30
P4SMF40A	AV	40	44.4	46.8	49.1	1	1	64.5	6.2	± 30
P4SMF43A	AW	43	47.8	50.3	52.8	1	1	69.4	5.8	± 30
P4SMF45A	AX	45	50	52.65	55.3	1	1	72.7	5.5	± 30
P4SMF48A	AY	48	53.3	56.1	58.9	1	1	77.4	5.2	± 30
P4SMF51A	AZ	51	56.7	59.7	62.7	1	1	82.4	4.9	± 30
P4SMF54A	B1	54	60	63.15	66.3	1	1	87.1	4.6	± 30
P4SMF58A	B2	58	64.4	67.8	71.2	1	1	93.6	4.2	± 30
P4SMF60A	B3	60	66.7	70.2	73.7	1	1	96.8	4.1	± 30
P4SMF64A	B4	64	71.1	74.85	78.6	1	1	103	3.9	± 30

瞬态电压抑制器件 TVS

MMFxxCA Series 产品



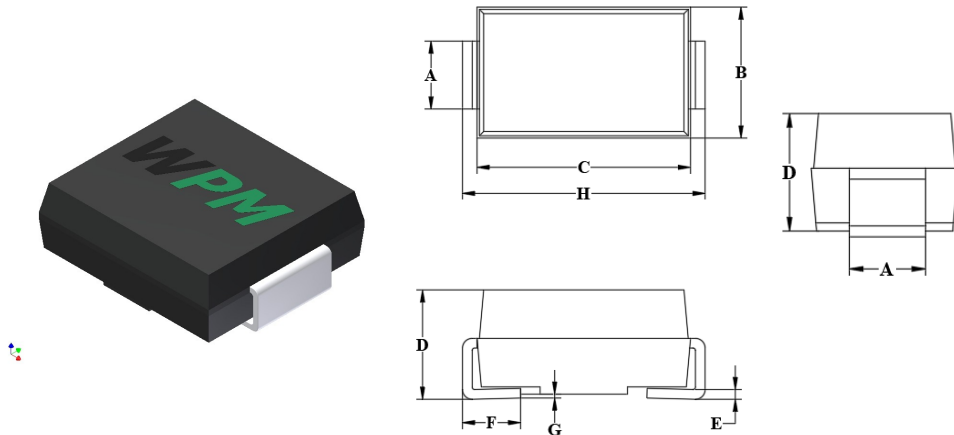
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B	1.60	2.00
C	0.95	1.35
D	0.80	1.20
E	0.30	0.90
H	0.10	0.30
K	3.45	3.95

MMFxxCA PART NUMBER	MARKING CODE	V _{RWM}	V _{BR} @ I _T (V)			I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	IEC 61000-4-2
			Min	Nom	Max					
Bi	Bi	(V)				(mA)	(uA)	(V)	(A)	W
MMF5.0CA	5C	5	6.4	6.8	7.25	10	150	9.2	21.7	± 30
MMF6.0CA	6C	6	6.67	7.02	7.37	10	100	10.3	19.4	± 30
MMF6.5CA	6VC	6.5	7.22	7.6	7.98	10	100	11.2	17.9	± 30
MMF7.0CA	7C	7	7.78	8.2	8.6	10	50	12	16.7	± 30
MMF7.5CA	7VC	7.5	8.33	8.77	9.21	1	50	12.9	15.5	± 30
MMF8.0CA	8C	8	8.89	9.36	9.83	1	20	13.6	14.7	± 30
MMF9.0CA	9C	9	10	10.55	11.1	1	5	15.4	13	± 30
MMF10CA	10C	10	11.1	11.7	12.3	1	2	17	11.8	± 30
MMF11CA	11C	11	12.2	12.85	13.5	1	1	18.2	11	± 30
MMF12CA	12C	12	13.3	14	14.7	1	1	19.9	10.1	± 30
MMF13CA	13C	13	14.4	15.15	15.9	1	1	21.5	9.3	± 30
MMF14CA	14C	14	15.6	16.4	17.2	1	1	23.2	8.6	± 30
MMF15CA	15C	15	16.7	17.6	18.5	1	1	24.4	8.2	± 30
MMF18CA	18C	18	20	21	22.1	1	1	29.2	6.8	± 30
MMF20CA	20C	20	22.2	23.35	24.5	1	1	32.4	6.2	± 30
MMF22CA	22C	22	24.4	25.6	26.9	1	1	35.5	5.6	± 30
MMF24CA	24C	24	26.7	28.1	29.5	1	1	38.9	5.1	± 30
MMF26CA	26C	26	28.9	30.4	31.9	1	1	42.1	4.8	± 30
MMF28CA	28C	28	31.1	32.8	34.4	1	1	45.4	4.4	± 30
MMF30CA	30C	30	33.3	35.1	36.8	1	1	48.4	4.1	± 30
MMF33CA	33C	33	36.7	38.7	40.6	1	1	53.3	3.8	± 30
MMF36CA	36C	36	40	42.1	44.2	1	1	58.1	3.4	± 30

MMFxxCA PART NUMBER	MARKING CODE	V _{RWM}	V _{BR} @ I _T (V)			I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	IEC 61000-4-2
Bi	Bi	(V)	Min	Nom	Max	(mA)	(uA)	(V)	(A)	W
MMF45CA	45C	45	50	52.65	55.3	1	1	72.7	2.8	± 30
MMF48CA	48C	48	53.3	56.1	58.9	1	1	77.4	2.6	± 30
MMF51CA	51C	51	56.7	59.7	62.7	1	1	82.4	2.4	± 30
MMF54CA	54C	54	60	66.3	63.1	1	1	87.1	2.3	± 30
MMF58CA	58C	58	64.4	67.8	71.2	1	1	93.6	2.1	± 30
MMF60CA	60C	60	66.77	69.7	73.7	1	1	96.8	1.8	± 30
MMF64CA	64C	64	71.1	74.9	78.6	1	1	103	1.7	± 30

瞬态电压抑制器件 TVS

SMCJ Series 1500W 产品



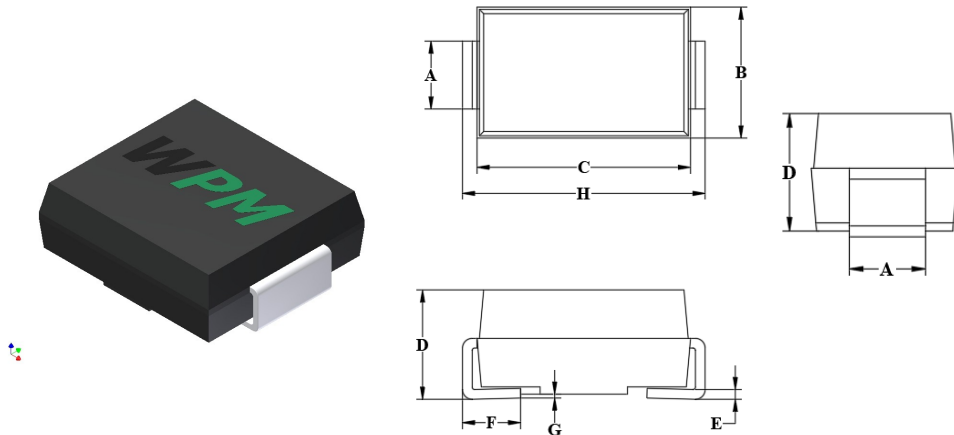
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	Min	Max
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B	5.55	6.25
C	6.60	7.40
D	1.98	2.75
E	0.15	0.31
F	0.75	1.52
G	0.00	0.203
H	7.70	8.20

SMCJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMCJ5.0A	SMCJ5.0CA	GDE	BDE	5	6.4	7.35	10	800	9.2	163	1500
SMCJ6.0A	SMCJ6.0CA	GDG	BDG	6	6.67	7.89	10	800	10.3	145.6	1500
SMCJ6.5A	SMCJ6.5CA	GDK	BDK	6.5	7.22	8.3	10	500	11.2	133.9	1500
SMCJ7.0A	SMCJ7.0CA	GDM	BDM	7	7.78	8.95	10	200	12	125	1500
SMCJ7.5A	SMCJ7.5CA	GDP	BDP	7.5	8.33	9.58	1	100	12.9	116.3	1500
SMCJ8.0A	SMCJ8.0CA	GDR	BDR	8	8.89	10.23	1	50	13.6	110.3	1500
SMCJ8.5A	SMCJ8.5CA	GDT	BDT	8.5	9.44	10.82	1	20	14.4	104.2	1500
SMCJ9.0A	SMCJ9.0CA	GDV	BDV	9	10	11.5	1	10	15.4	97.4	1500
SMCJ10A	SMCJ10CA	GDX	BDX	10	11.1	12.8	1	5	17	88.2	1500
SMCJ11A	SMCJ11CA	GDZ	BDZ	11	12.2	14	1	5	18.2	82.4	1500
SMCJ12A	SMCJ12CA	GEE	BEE	12	13.3	15.3	1	5	19.9	75.4	1500
SMCJ13A	SMCJ13CA	GEG	BEG	13	14.4	16.5	1	5	21.5	69.8	1500
SMCJ14A	SMCJ14CA	GEK	BEK	14	15.6	17.9	1	5	23.2	64.7	1500
SMCJ15A	SMCJ15CA	GEM	BEM	15	16.7	19.2	1	5	24.4	61.5	1500
SMCJ16A	SMCJ16CA	GEP	BEP	16	17.8	20.5	1	5	26	57.7	1500
SMCJ17A	SMCJ17CA	GER	BER	17	18.9	21.7	1	5	27.6	54.3	1500
SMCJ18A	SMCJ18CA	GET	BET	18	20	23.3	1	5	29.2	51.4	1500
SMCJ20A	SMCJ20CA	GEV	BEV	20	22.2	25.5	1	5	32.4	46.3	1500
SMCJ22A	SMCJ22CA	GEX	BEX	22	24.4	28	1	5	35.5	42.3	1500
SMCJ24A	SMCJ24CA	GEZ	BEZ	24	26.7	30.7	1	5	38.9	38.6	1500
SMCJ26A	SMCJ26CA	GFE	BFE	26	28.9	33.2	1	5	42.1	35.6	1500
SMCJ28A	SMCJ28CA	GFG	BFG	28	31.1	35.8	1	5	45.4	33	1500

SMCJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMCJ30A	SMCJ30CA	GFK	BFK	30	33.3	38.3	1	5	48.4	31	1500
SMCJ33A	SMCJ33CA	GFM	BFM	33	36.7	42.2	1	5	53.3	28.1	1500
SMCJ36A	SMCJ36CA	GFP	BFP	36	40	46	1	5	58.1	25.8	1500
SMCJ40A	SMCJ40CA	GFR	BFR	40	44.4	51.1	1	5	64.5	23.3	1500
SMCJ43A	SMCJ43CA	GFT	BFT	43	47.8	54.9	1	5	69.4	21.6	1500
SMCJ45A	SMCJ45CA	GFV	BFV	45	50	57.5	1	5	72.7	20.6	1500
SMCJ48A	SMCJ48CA	GFX	BFX	48	53.3	61.3	1	5	77.4	19.4	1500
SMCJ51A	SMCJ51CA	GFZ	BFZ	51	56.7	65.2	1	5	82.4	18.2	1500
SMCJ54A	SMCJ54CA	GGE	BGE	54	60	69	1	5	87.1	17.2	1500
SMCJ58A	SMCJ58CA	GGG	BGG	58	64.4	74.1	1	5	93.6	16	1500
SMCJ60A	SMCJ60CA	GGK	BGK	60	66.7	76.7	1	5	96.8	15.5	1500
SMCJ64A	SMCJ64CA	GGM	BGM	64	71.1	81.8	1	5	103	14.6	1500
SMCJ70A	SMCJ70CA	GGP	BGP	70	77.8	89.5	1	5	113	13.3	1500
SMCJ75A	SMCJ75CA	GGR	BGR	75	83	95.8	1	5	121	12.4	1500
SMCJ78A	SMCJ78CA	GGT	BGT	78	86	99.7	1	5	126	11.9	1500
SMCJ85A	SMCJ85CA	GGV	BGV	85	94	108.2	1	5	137	10.9	1500
SMCJ90A	SMCJ90CA	GGX	BGX	90	100	115.5	1	5	146	10.3	1500
SMCJ100A	SMCJ100CA	GGZ	BGZ	100	111	128	1	5	162	9.3	1500
SMCJ110A	SMCJ110CA	GHE	BHE	110	122	140.5	1	5	177	8.5	1500
SMCJ120A	SMCJ120CA	GHG	BHG	120	133	153	1	5	193	7.8	1500
SMCJ130A	SMCJ130CA	GHK	BHK	130	144	165.5	1	5	209	7.2	1500
SMCJ150A	SMCJ150CA	GHM	BHM	150	167	192.5	1	5	243	6.2	1500
SMCJ160A	SMCJ160CA	GHP	BHP	160	178	205	1	5	259	5.8	1500
SMCJ170A	SMCJ170CA	GHR	BHR	170	189	217.5	1	5	275	5.5	1500
SMCJ180A	SMCJ180CA	GHT	BHT	180	200	230.4	1	5	290	5.2	1500
SMCJ190A	SMCJ190CA	GHU	BHU	190	211	243.2	1	5	306	4.9	1500
SMCJ200A	SMCJ200CA	GHV	BHV	200	222	256	1	5	322	4.7	1500
SMCJ210A	SMCJ210CA	GHW	BHW	210	233	268.8	1	5	339	4.4	1500
SMCJ220A	SMCJ220CA	GHX	BHX	220	244	281.6	1	5	355	4.2	1500
SMCJ250A	SMCJ250CA	GJG	BJG	250	278	309	1	5	403	3.7	1500
SMCJ300A	SMCJ300CA	GJK	BJK	300	333	371	1	5	484	3.1	1500
SMCJ350A	SMCJ350CA	GJM	BJM	350	389	432	1	5	565	2.7	1500
SMCJ400A	SMCJ400CA	GJP	BJP	400	444	494	1	5	645	2.3	1500
SMCJ440A	SMCJ440CA	GJR	BJR	440	489	543	1	5	710	2.1	1500

瞬态电压抑制器件 TVS

SMDJ Series 3000W 产品



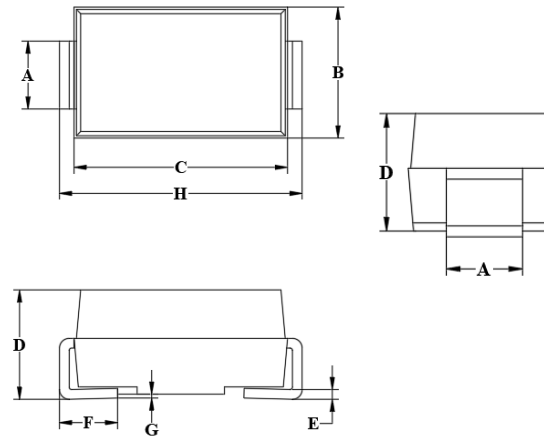
DIM	Millimeters	
	Min	Max
A	2.75	3.25
B	5.55	6.25
C	6.60	7.40
D	1.98	2.75
E	0.15	0.31
F	0.75	1.52
G	0.00	0.203
H	7.70	8.20

SMDJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
SMDJ5.0A	SMDJ5.0CA	HDE	IDE	5	6.4	7.35	10	800	9.2	326.1	3000
SMDJ6.0A	SMDJ6.0CA	HDG	IDG	6	6.67	7.89	10	800	10.3	291.3	3000
SMDJ6.5A	SMDJ6.5CA	HDK	IDK	6.5	7.22	8.3	10	500	11.2	267.9	3000
SMDJ7.0A	SMDJ7.0CA	HDM	IDM	7	7.78	8.95	10	200	12	250	3000
SMDJ7.5A	SMDJ7.5CA	HDP	IDP	7.5	8.33	9.58	1	100	12.9	232.6	3000
SMDJ8.0A	SMDJ8.0CA	HDR	IDR	8	8.89	10.23	1	50	13.6	220.6	3000
SMDJ8.5A	SMDJ8.5CA	HDT	IDT	8.5	9.44	10.82	1	20	14.4	208.3	3000
SMDJ9.0A	SMDJ9.0CA	HDV	IDV	9	10	11.5	1	10	15.4	194.8	3000
SMDJ10A	SMDJ10CA	HDX	IDX	10	11.1	12.8	1	5	17	176.5	3000
SMDJ11A	SMDJ11CA	HDZ	IDZ	11	12.2	14	1	5	18.2	164.8	3000
SMDJ12A	SMDJ12CA	HEE	IEE	12	13.3	15.3	1	5	19.9	150.8	3000
SMDJ13A	SMDJ13CA	HEG	IEG	13	14.4	16.5	1	5	21.5	139.5	3000
SMDJ14A	SMDJ14CA	HEK	IEK	14	15.6	17.9	1	5	23.2	129.3	3000
SMDJ15A	SMDJ15CA	HEM	IEM	15	16.7	19.2	1	5	24.4	123	3000
SMDJ16A	SMDJ16CA	HEP	IEP	16	17.8	20.5	1	5	26	115.4	3000
SMDJ17A	SMDJ17CA	HER	IER	17	18.9	21.7	1	5	27.6	108.7	3000
SMDJ18A	SMDJ18CA	HET	IET	18	20	23.3	1	5	29.2	102.7	3000
SMDJ20A	SMDJ20CA	HEV	IEV	20	22.2	25.5	1	5	32.4	92.6	3000
SMDJ22A	SMDJ22CA	HEX	IEX	22	24.4	28	1	5	35.5	84.5	3000
SMDJ24A	SMDJ24CA	HEZ	IEZ	24	26.7	30.7	1	5	38.9	77.1	3000
SMDJ26A	SMDJ26CA	HFE	IFE	26	28.9	33.2	1	5	42.1	71.3	3000
SMDJ28A	SMDJ28CA	HFG	IFG	28	31.1	35.8	1	5	45.4	66.1	3000

SMDJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(μ A)	(V)	(A)	W
SMDJ30A	SMDJ30CA	HFK	IFK	30	33.3	38.3	1	5	48.4	62	3000
SMDJ33A	SMDJ33CA	HFM	IFM	33	36.7	42.2	1	5	53.3	56.3	3000
SMDJ36A	SMDJ36CA	HFP	IFP	36	40	46	1	5	58.1	51.6	3000
SMDJ40A	SMDJ40CA	HFR	IFR	40	44.4	51.1	1	5	64.5	46.5	3000
SMDJ43A	SMDJ43CA	HFT	IFT	43	47.8	54.9	1	5	69.4	43.2	3000
SMDJ45A	SMDJ45CA	HFV	IFV	45	50	57.5	1	5	72.7	41.3	3000
SMDJ48A	SMDJ48CA	HFX	IFX	48	53.3	61.3	1	5	77.4	38.8	3000
SMDJ51A	SMDJ51CA	HFZ	IFZ	51	56.7	65.2	1	5	82.4	36.4	3000
SMDJ54A	SMDJ54CA	HGE	IGE	54	60	69	1	5	87.1	34.4	3000
SMDJ58A	SMDJ58CA	HGG	IGG	58	64.4	74.1	1	5	93.6	32.1	3000
SMDJ60A	SMDJ60CA	HGK	IGK	60	66.7	76.7	1	5	96.8	31	3000
SMDJ64A	SMDJ64CA	HGM	IGM	64	71.1	81.8	1	5	103	29.1	3000
SMDJ70A	SMDJ70CA	HGP	IGP	70	77.8	89.5	1	5	113	26.5	3000
SMDJ75A	SMDJ75CA	HGR	IGR	75	83	95.8	1	5	121	24.8	3000
SMDJ78A	SMDJ78CA	HGT	IGT	78	86	99.7	1	5	126	23.8	3000
SMDJ85A	SMDJ85CA	HGV	IGV	85	94	108.2	1	5	137	21.9	3000
SMDJ90A	SMDJ90CA	HGX	IGX	90	100	115.5	1	5	146	20.5	3000
SMDJ100A	SMDJ100CA	HGZ	IGZ	100	111	128	1	5	162	18.5	3000
SMDJ110A	SMDJ110CA	HHE	IHE	110	122	140.5	1	5	177	16.9	3000
SMDJ120A	SMDJ120CA	HHG	IHG	120	133	153	1	5	193	15.5	3000
SMDJ130A	SMDJ130CA	HHK	IHK	130	144	165.5	1	5	209	14.4	3000
SMDJ150A	SMDJ150CA	HHM	IHM	150	167	192.5	1	5	243	12.3	3000
SMDJ160A	SMDJ160CA	HHP	IHP	160	178	205	1	5	259	11.6	3000
SMDJ170A	SMDJ170CA	HHR	IHR	170	189	217.5	1	5	275	10.9	3000

瞬态电压抑制器件 TVS

5.0SMDJ Series 5000W 产品



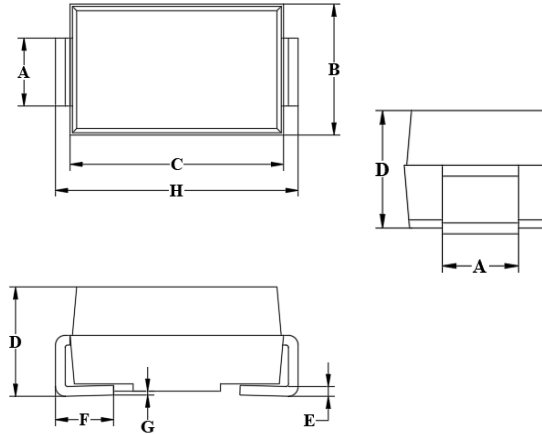
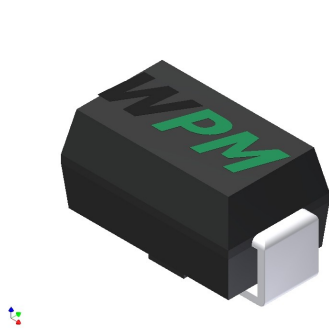
DIM	Millimeters	
	Min	Max
A	2.75	3.25
B	5.55	6.25
C	6.60	7.40
D	1.98	2.75
E	0.15	0.31
F	0.75	1.52
G	0.00	0.203
H	7.70	8.20

5.0SMDJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
5.0SMDJ5A	5.0SMDJ5CA	5HDE	5IDE	5	6.4	7.4	50	5000	9.2	554	5000
5.0SMDJ6A	5.0SMDJ6CA	5HDG	5IDG	6	6.6	7.7	50	5000	10.3	495	5000
5.0SMDJ6.5A	5.0SMDJ6.5CA	5HDK	5IDK	6.5	7.2	8.3	50	2000	11.2	455	5000
5.0SMDJ7A	5.0SMDJ7CA	5HDM	5IDM	7	7.7	9	50	1000	12	425	5000
5.0SMDJ7.5A	5.0SMDJ7.5CA	5HDP	5IDP	7.5	8.3	9.6	5	250	12.9	395	5000
5.0SMDJ8A	5.0SMDJ8CA	5HDR	5IDR	8	8.8	10.3	5	150	13.6	357	5000
5.0SMDJ8.5A	5.0SMDJ8.5CA	5HDT	5IDT	8.5	9.4	11	5	50	14.4	340	5000
5.0SMDJ9A	5.0SMDJ9CA	5HDV	5IDV	9	10	11.6	5	20	15.4	331	5000
5.0SMDJ10A	5.0SMDJ10CA	5HDX	5IDX	10	11.1	12.5	5	15	17	300	5000
5.0SMDJ11A	5.0SMDJ11CA	5HDZ	5IDZ	11	12.2	14.5	5	2	18.2	280	5000
5.0SMDJ12A	5.0SMDJ12CA	5HEE	5IEE	12	13.3	15.3	10	800	19.9	252	5000
5.0SMDJ13A	5.0SMDJ13CA	5HEG	5IEG	13	14.4	16.5	10	500	21.5	233	5000
5.0SMDJ14A	5.0SMDJ14CA	5HEK	5IEK	14	15.6	17.9	10	200	23.2	216	5000
5.0SMDJ15A	5.0SMDJ15CA	5HEM	5IEM	15	16.7	19.2	1	100	24.4	205	5000
5.0SMDJ16A	5.0SMDJ16CA	5HEP	5IEP	16	17.8	20.5	1	50	26	193	5000
5.0SMDJ17A	5.0SMDJ17CA	5HER	5IER	17	18.9	21.7	1	20	27.6	181	5000
5.0SMDJ18A	5.0SMDJ18CA	5HET	5IET	18	20	23.3	1	10	29.2	172	5000
5.0SMDJ20A	5.0SMDJ20CA	5HEV	5IEV	20	22.2	25.5	1	5	32.4	155	5000
5.0SMDJ22A	5.0SMDJ22CA	5HEX	5IEX	22	24.4	28	1	5	35.5	141	5000
5.0SMDJ24A	5.0SMDJ24CA	5HEZ	5IEZ	24	26.7	30.7	1	5	38.9	129	5000
5.0SMDJ26A	5.0SMDJ26CA	5HFE	5IFE	26	28.9	33.2	1	5	42.1	119	5000
5.0SMDJ28A	5.0SMDJ28CA	5HFG	5IFG	28	31.1	35.8	1	5	45.4	110	5000

5.0SMDJ PART NUMBER		MARKING CODE		V _{RWM}	V _{BR} @ I _T (V)		I _T	I _r @ V _{RWM}	V _C (Max)	I _{PP} (Max)	P _{PP}
Uni	Bi	Uni	Bi	(V)	Min	Max	(mA)	(uA)	(V)	(A)	W
5.0SMDJ30A	5.0SMDJ30CA	5HFK	5IFK	30	33.3	38.3	1	5	48.4	103	5000
5.0SMDJ33A	5.0SMDJ33CA	5HFM	5IFM	33	36.7	42.2	1	5	53.3	93.9	5000
5.0SMDJ36A	5.0SMDJ36CA	5HFP	5IFP	36	40	46	1	5	58.1	86.1	5000
5.0SMDJ40A	5.0SMDJ40CA	5HFR	5IFR	40	44.4	51.1	1	5	64.5	77.6	5000
5.0SMDJ43A	5.0SMDJ43CA	5HFT	5IFT	43	47.8	54.9	1	5	69.4	72.1	5000
5.0SMDJ45A	5.0SMDJ45CA	5HFV	5IFV	45	50	57.5	1	5	72.7	68.8	5000
5.0SMDJ48A	5.0SMDJ48CA	5HFX	5IFX	48	53.3	61.3	1	5	77.4	64.7	5000
5.0SMDJ51A	5.0SMDJ51CA	5HFZ	5IFZ	51	56.7	65.2	1	5	82.4	60.7	5000
5.0SMDJ54A	5.0SMDJ54CA	5HGE	5IGE	54	60	69	1	5	87.1	57.5	5000
5.0SMDJ58A	5.0SMDJ58CA	5HGG	5IGG	58	64.4	74.1	1	5	93.6	53.5	5000
5.0SMDJ60A	5.0SMDJ60CA	5HGK	5IGK	60	66.7	76.7	1	5	96.8	51.7	5000
5.0SMDJ64A	5.0SMDJ64CA	5HGM	5IGM	64	71.1	81.8	1	5	103	48.6	5000
5.0SMDJ70A	5.0SMDJ70CA	5HGP	5IGP	70	77.8	89.5	1	5	113	44.3	5000
5.0SMDJ75A	5.0SMDJ75CA	5HGR	5IGR	75	83	95.8	1	5	121	41.4	5000
5.0SMDJ78A	5.0SMDJ78CA	5HGT	5IGT	78	86	99.7	1	5	126	39.7	5000
5.0SMDJ85A	5.0SMDJ85CA	5HGV	5IGV	85	94	108.2	1	5	137	36.5	5000
5.0SMDJ90A	5.0SMDJ90CA	5HGX	5IGX	90	100	115.5	1	5	146	34.3	5000
5.0SMDJ100A	5.0SMDJ100CA	5HGZ	5IGZ	100	111	128	1	5	162	30.9	5000
5.0SMDJ110A	5.0SMDJ110CA	5HHE	5IHE	110	122	140.5	1	5	177	28.3	5000
5.0SMDJ120A	5.0SMDJ120CA	5HHG	5IHG	120	133	153	1	5	193	26	5000
5.0SMDJ130A	5.0SMDJ130CA	5HHK	5IHK	130	144	165.5	1	5	209	24	5000
5.0SMDJ150A	5.0SMDJ150CA	5HHM	5IHM	150	167	192.5	1	5	243	20.6	5000
5.0SMDJ160A	5.0SMDJ160CA	5HHP	5IHP	160	178	205	1	5	259	19.3	5000
5.0SMDJ170A	5.0SMDJ170CA	5HHR	5IHR	170	189	217.5	1	5	275	18.2	5000

瞬态电压抑制器件 TVS

P10SMA Series 产品

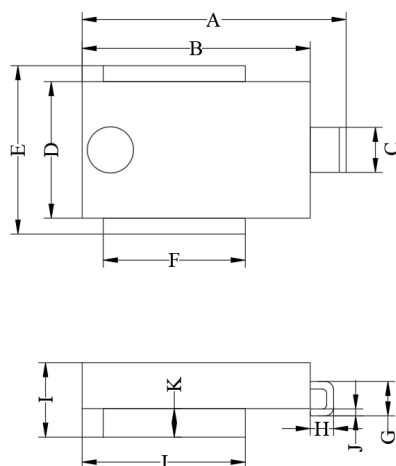
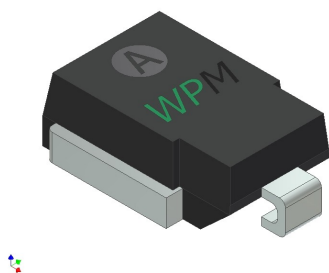


DIM	Millimeters	
	Min	Max
A	1.23	1.80
B	2.50	3.00
C	3.90	5.10
D	1.90	2.45
E	0.10	0.31
F	0.75	1.52
G	0.00	0.203
H	4.80	5.30

P10SMA PART NUMBER	MARKING CODE	V_{RWM}	$V_{BR} @ I_T = 1mA$		$I_r @ V_{RWM}$	V_C	I_{PP}	C_j	
Bi	Bi	(V)	Min	Max	(μA)	Nom (V)	Max (A)	Nom(pF)	Max(pF)
P10SMA15CA	05K15S	15	16	18	1	28	500	798.4	950
P10SMA18CA	05K18S	18	18.8	20.9	1	31	600	648.9	778
P10SMA20CA	05K20S	20	21.2	23.6	1	42	500	615.1	738

瞬态电压抑制器件 TVS

SM8S Series 产品



DMI	Millimeters	
	Min	Max
A	15.00	16.00
B	13.10	13.90
C	2.30	3.10
D	8.10	8.90
E	9.50	10.50
F	8.50	9.50
G	2.30	3.70
H	1.50	2.50
I	4.40	5.40
J	9.50	10.50
K	1.80	2.20
L	0.40	0.80

SM8S PART NUMBER	MARKING CODE	V _{RWM}	V _{BR} @ I _T (V)		I _T	I _R @ V _{RWM} (uA)		V _C (Max)	I _{PP} (Max)
		(V)	Min	Max	(mA)	@25°C	@175°C	(V)	(A)
SM8S10A	SM8S10A	10	11.1	12.8	5	15	250	17	388
SM8S11A	SM8S11A	11	12.2	14	5	10	150	18.2	363
SM8S12A	SM8S12A	12	13.3	15.3	5	10	150	19.9	332
SM8S13A	SM8S13A	13	14.4	16.5	5	10	150	21.5	307
SM8S14A	SM8S14A	14	15.6	17.9	5	10	150	23.2	284
SM8S15A	SM8S15A	15	16.7	19.2	5	10	150	24.4	270
SM8S16A	SM8S16A	16	17.8	20.5	5	10	150	26	254
SM8S17A	SM8S17A	17	18.9	21.7	5	10	150	27.6	239
SM8S18A	SM8S18A	18	20	23.3	5	10	150	29.2	226
SM8S20A	SM8S20A	20	22.2	25.5	5	10	150	32.4	204
SM8S22A	SM8S22A	22	24.4	28	5	10	150	35.5	186
SM8S24A	SM8S24A	24	26.7	30.7	5	10	150	38.9	170
SM8S26A	SM8S26A	26	28.9	33.2	5	10	150	42.1	157
SM8S28A	SM8S28A	28	31.1	35.8	5	10	150	45.4	145
SM8S30A	SM8S30A	30	33.3	38.3	5	10	150	48.4	136
SM8S33A	SM8S33A	33	36.7	42.2	5	10	150	53.3	124
SM8S36A	SM8S36A	36	40	46	5	10	150	58.1	114
SM8S40A	SM8S40A	40	44.4	51.1	5	10	150	64.5	102
SM8S43A	SM8S43A	43	47.8	54.9	5	10	150	69.4	95.1

