

Fig.	Zener Voltage Vz (V) (Maximum)	Reverse Current IR (µA) (Maximum)	Forward Voltage VF (V) (Maximum)	Junction Capacitance Ct (pF) (Typical)	Package	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		Rohm Part No.
							1	25	100		Qty.	Pricing	
1A	7.20	1.0	1.0	35	SC-75A	RSA6.1J4T2RCT-ND	.32	.25	.18	RSA6.1J4T2RTR-ND	8,000	77.69/M	RSA6.1J4T2R
1B	7.20	1.0	1.25	90	SOT-353	RSA6.1ENCT-ND	.33	.26	.19	RSA6.1ENTR-ND	3,000	87.85/M	RSA6.1ENTR
2	7.20	1.0	1.25	90	SMD6	RSA6.1U5T108CT-ND	.32	.25	.18	RSA6.1U5T108TR-ND	3,000	82.77/M	RSA6.1U5T108
3	7.82	0.5	—	15	VMD2	RSB6.8GT2RCT-ND	.32	.25	.18	RSB6.8GT2RTR-ND	8,000	77.69/M	RSB6.8GT2R
3	7.82	0.5	—	30	SOD-523	RSB6.8STE61CT-ND	.33	.26	.19	RSB6.8STE61TR-ND	3,000	87.85/M	RSB6.8STE61
4	14.4	0.1	—	1	EMD6	RSB12JS2T2RCT-ND	.40	.31	.23	RSB12JS2T2RTR-ND	8,000	98.74/M	RSB12JS2T2R

Microsemi. Transient Voltage Suppressor Arrays

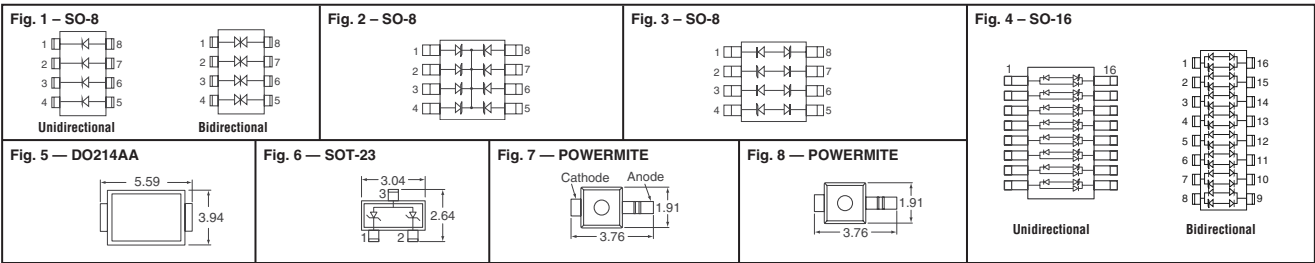


Fig.	Stand-off Voltage Vwm (V) Maximum	Breakdown Voltage VBR @VBR = 1mA (V) Minimum	Clamping Voltage VC @1 Amp (V) Maximum	Leakage Current ID @ VWM (µAmps) Max.	Capacitance (f-1 MHz) @ 0 V C (pF) Typical	Temp. Coefficient of VBR aVBR mV/C - Max.	Digi-Key Part No.	Cut Tape Price Each			Tape and Reel†		Microsemi Part No.
								1	10	100	Qty.	Pricing	
<b>SMDA Series, Unidirectional and SMDAxxC Series, Bidirectional — 300 Watt</b>													
1	15	16.7	24	1	140	13	SMDA15MSCT-ND	4.67	3.12	2.49	2,500	1555.82/M	SMDA15
	24	26.7	43	1	90	30 Typical	SMDA24E3-ND†	2.49	2.24	1.87	—	—	SMDA24E3
	15	16.7	24	1	70	11	SMDA15CMSCT-ND	2.72	2.45	2.05	500	1020.39	SMDA15C
<b>SMDAxxC-7 Series, Bidirectional — 300 Watt</b>													
2	12	13.3	19	1	75	8	SMDA12C-7MSCT-ND	5.25	3.50	2.80	2,500	1749.66/M	SMDA12C-7
<b>SM8LCxx Series, Bidirectional — 500 Watt</b>													
3	3.3	4	6.5	200	25	-3	SM8LC03MSCT-ND	2.80	2.52	2.10	—	—	SM8LC03
<b>SM16LCxx Series, Unidirectional — 500 Watt — RoHS Compliant</b>													
4	5	6	9.8	20	25	1	SM16LC05E3-ND†	3.52	3.17	2.64	—	—	SM16LC05E3
<b>SM16LCxx Series, Unidirectional and SM16LCxxC Series, Bidirectional — 300 Watt</b>													
4	15	16.7	24	2	25	11	SM16LC15MSCT-ND	3.52	3.17	2.64	—	—	SM16LC15
	12	13.3	19.5	2	25	8	SM16LC12CMSCT-ND	4.09	3.69	3.08	—	—	SM16LC12C
<b>SMBJxxC Series, Bidirectional — 600 Watt — RoHS Compliant</b>													
5	24	26.7	38.9	1	—	—	SMBJ24CAMST-ND	.52	.47	.40	—	—	SMBJ24CA-TRE3
<b>SM Series, Unidirectional — 300 Watt — RoHS Compliant</b>													
6	5	6	9.8	20	400 Max.	—	SM05E3CT-ND	.49	.45	.38	3,000	308.55/M	SM05E3
<b>UPT Series, Unidirectional — 1000 Watt — RoHS Compliant</b>													
7	5	6	9.5	5	—	.03	UPT5RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT5RE3/TR7
	8	9	13.7	2	—	.04	UPT8RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT8RE3/TR7
	10	11	18	2	—	.045	UPT10RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT10RE3/TR7
	12	13.8	21.6	1	—	.05	UPT12RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT12RE3/TR7
	15	16.7	26	1	—	.055	UPT15RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT15RE3/TR7
	17	19	29.2	1	—	.06	UPT17RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT17RE3/TR7
	24	28.4	43.2	1	—	.07	UPT24RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT24RE3/TR7
	33	36.8	56.7	1	—	.08	UPT33RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT33RE3/TR7
	48	54	84.3	1	—	.09	UPT48RE3CT-ND	.96	.87	.72	3,000	598.95/M	UPT48RE3/TR7
<b>UPTB Series, Bidirectional — 1000 Watt — RoHS Compliant</b>													
8	8	9	13.7	2	—	.04	UPTB8E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB8E3/TR7
	10	11	18	2	—	.045	UPTB10E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB10E3/TR7
	12	13.8	21.6	1	—	.05	UPTB12E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB12E3/TR7
	15	16.7	26	1	—	.055	UPTB15E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB15E3/TR7
	17	19	29.2	1	—	.06	UPTB17E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB17E3/TR7
	24	28.4	43.2	1	—	.07	UPTB24E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB24E3/TR7
	33	36.8	56.7	1	—	.08	UPTB33E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB33E3/TR7
	48	54	84.3	1	—	.09	UPTB48E3CT-ND	1.25	1.13	.94	3,000	780.45/M	UPTB48E3/TR7

◆ RoHS Compliant ‡ For Tape and Reel Part Number, change CT-ND to TR-ND. † Tube packaging

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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