

**FEATURES**

- Standard Zener Breakdown Voltage Range 2.0V to 75V
- Steady State Power Rating of 200mW

**ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)**

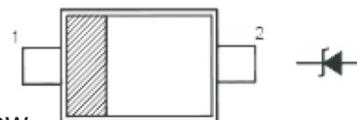
PARAMETER	SYMBOL	VALUE	UNITS
Total Device Dissipation	Ptot	200	mW
Junction and Storage Temperature Range	TJ, TSTG	-65 to +150	°C

**CHARACTERISTICS AT Ta = 25°C**

PARAMETER	SYMBOL	VALUE	UNITS
Forward Voltage at IF = 10 mA	VF	0.9	V

**PINNING**

PIN	DESCRIPTION
1	Cathode
2	Anode

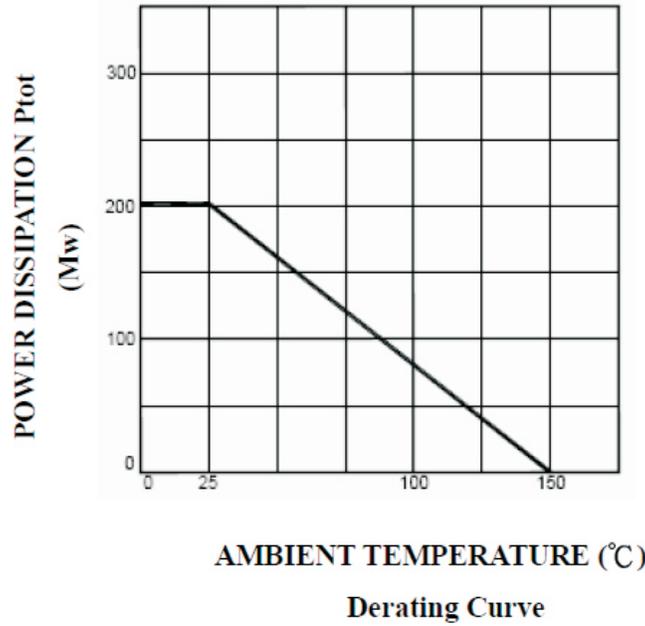


Top View

Simplified outline SOD-523 and symbol

Type	Marking Code	Zener Voltage (1)			at IZT mA	Zener Impedance			Leakage Current	
		Min.	Nom.	Max.		ZZT	ZZK	at IZK mA	IR at VR µA	V
MM5Z2V0	RD	1.8	2.00	2.15	5	100	-	-	120	0.50
MM5Z2V2	RE	2.08	2.20	2.33	5	100	-	-	120	0.70
MM5Z2V4	Z7	2.2	2.40	2.6	5	100	1000	1	120	1
MM5Z2V7	A8	2.5	2.70	2.9	5	100	1000	1	120	1
MM5Z3V0	B8	2.8	3.00	3.2	5	100	1000	1	50	1
MM5Z3V3	C8	3.1	3.30	3.5	5	95	1000	1	20	1
MM5Z3V6	D8	3.4	3.60	3.8	5	90	1000	1	10	1
MM5Z3V9	E8	3.7	3.90	4.1	5	90	1000	1	5	1
MM5Z4V3	F8	4.0	4.30	4.6	5	90	1000	1	5	1
MM5Z4V7	G8	4.4	4.70	5.0	5	80	800	1	2	1
MM5Z5V1	H8	4.8	5.10	5.4	5	60	500	1	2	2
MM5Z5V6	I8	5.2	5.60	6.0	5	40	200	1	1	3
MM5Z6V2	J8	5.8	6.20	6.6	5	10	100	1	1	3
MM5Z6V8	K8	6.4	6.80	7.2	5	15	160	1	0.5	4
MM5Z7V5	L8	7.0	7.50	7.9	5	15	160	1	0.5	4
MM5Z7V2	M8	7.7	8.20	8.7	5	15	160	1	0.5	5
MM5Z9V1	N8	8.5	9.10	9.6	5	15	160	1	0.5	6
MM5Z10	O8	9.4	10.00	10.6	5	20	160	1	0.1	7
MM5Z11	P8	10.4	11.00	11.6	5	20	160	1	0.1	8
MM5Z12	Q8	11.4	12.00	12.7	5	25	80	1	0.1	9
MM5Z13	R8	12.4	13.25	14.1	5	30	80	1	0.1	10
MM5Z15	S8	14.3	15.00	15.8	5	30	80	1	0.1	11
MM5Z16	T8	15.3	16.20	17.1	2	40	80	1	0.1	12
MM5Z18	U8	16.8	18.00	19.1	2	45	80	1	0.1	13
MM5Z20	V8	18.8	20.00	21.2	2	55	100	1	0.1	15
MM5Z22	W8	20.8	22.00	23.3	2	55	100	1	0.1	17
MM5Z24	X8	22.8	24.20	25.6	2	70	120	1	0.1	19
MM5Z27	Y8	25.1	27.00	28.9	2	80	300	1	0.1	21
MM5Z30	Z8	28.0	30.00	32.0	2	80	300	1	0.1	23
MM5Z33	A9	31.0	33.00	35.0	2	80	300	1	0.1	25
MM5Z36	B9	34.0	36.00	38.0	2	90	500	1	0.1	27
MM5Z39	C9	37.0	39.00	41.0	2	130	500	1	2.0	30
MM5Z43	D9	40.0	43.00	46.0	1	150	500	1	2.0	33
MM5Z47	E9	44.0	47.00	50.0	1	170	500	1	2.0	36
MM5Z51	F9	48.0	51.00	54.0	1	180	500	1	1.0	39
MM5Z56	G9	52.0	56.00	60.0	1	200	500	1	1.0	43
MM5Z2	H9	58.0	62.00	66.0	1	215	500	1	0.2	47
MM5Z68	I9	64.0	68.00	72.0	1	240	500	1	0.2	52
MMBZ75	J9	70.0	75.00	79.0	1	255	500	1	0.2	57
MM5Z75	J9	70.0	75.00	79.0	1	255	500	1	0.2	57

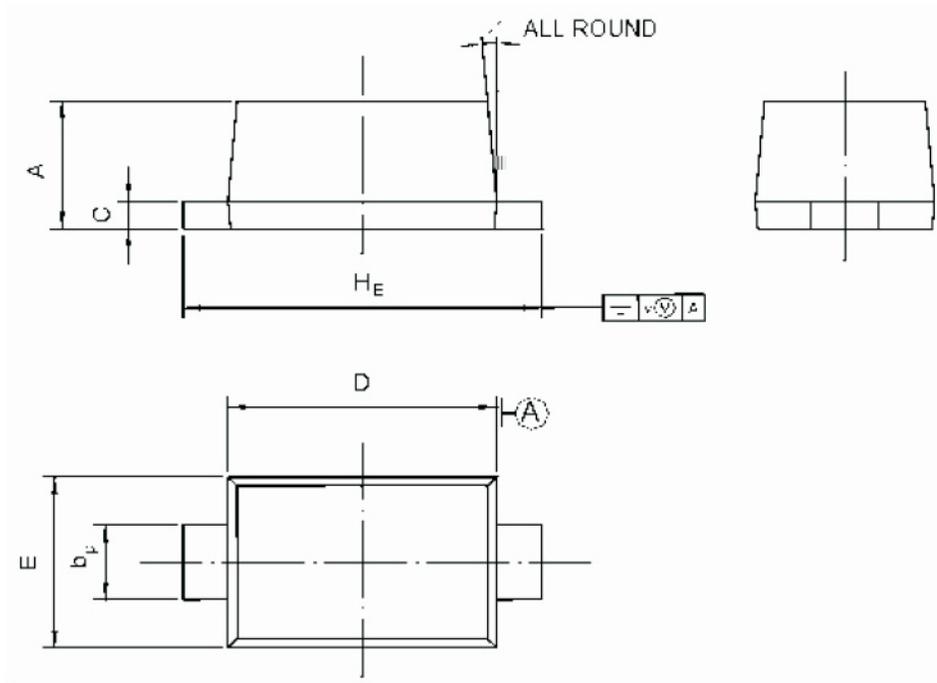
(1) Tested with pulses tp=20ms



■ **PACKAGE OUTLINE**

Plastic Surface Mounted Package; 2 leads

SOD-523



UNIT	A	bp	C	D	E	HE	V	∠
Mm	0.70	0.40	0.135	1.25	0.85	1.7	0.1	5°
	0.60	0.30	0.127	1.15	0.75	1.5		