

**ELECTRICAL CHARACTERISTICS** ($T_{amb} = 25\text{ }^{\circ}\text{C}$, unless otherwise specified)

PART NUMBER	MARKING CODE	ZENER VOLTAGE RANGE ⁽¹⁾			TEST CURRENT	REVERSE CURRENT		VOLTAGE CHANGE ⁽²⁾
		V_Z at I_{ZT1}			I_{ZT1}	I_R at V_R		ΔV_Z
		V			mA	μA	V	V
		MIN.	nom.	max.		max.		MAX.
MMBZ4681	CF	2.28	2.4	2.52	0.05	2	1	0.8
MMBZ4682	CH	2.57	2.7	2.84	0.05	1	1	0.85
MMBZ4683	CJ	2.85	3	3.15	0.05	0.8	1	0.9
MMBZ4684	CK	3.14	3.3	3.47	0.05	7.5	1.5	0.95
MMBZ4685	CM	3.42	3.6	3.78	0.05	7.5	2	0.95
MMBZ4686	CN	3.71	3.9	4.1	0.05	5	2	0.97
MMBZ4687	CP	4.09	4.3	4.52	0.05	4	2	0.99
MMBZ4688	CT	4.47	4.7	4.94	0.05	10	3	0.99
MMBZ4689	CU	4.85	5.1	5.36	0.05	10	3	0.97
MMBZ4690	CV	5.32	5.6	5.88	0.05	10	4	0.96
MMBZ4691	CA	5.89	6.2	6.51	0.05	10	5	0.95
MMBZ4692	CX	6.46	6.8	7.14	0.05	10	5.1	0.9
MMBZ4693	CY	7.13	7.5	7.88	0.05	10	5.7	0.75
MMBZ4694	CZ	7.79	8.2	8.61	0.05	1	6.2	0.5
MMBZ4695	DC	8.27	8.7	9.14	0.05	1	6.6	0.1
MMBZ4696	DD	8.65	9.1	9.56	0.05	1	6.9	0.08
MMBZ4697	DE	9.5	10	10.5	0.05	1	7.6	0.1
MMBZ4698	DF	10.5	11	11.6	0.05	0.05	8.4	0.11
MMBZ4699	DH	11.4	12	12.6	0.05	0.05	9.1	0.12
MMBZ4700	DJ	12.4	13	13.7	0.05	0.05	9.8	0.13
MMBZ4701	DK	13.3	14	14.7	0.05	0.05	10.6	0.14
MMBZ4702	DM	14.3	15	15.8	0.05	0.05	11.4	0.15
MMBZ4703	DN	15.2	16	16.8	0.05	0.05	12.1	0.16
MMBZ4704	DP	16.2	17	17.9	0.05	0.05	12.9	0.17
MMBZ4705	DT	17.1	18	18.9	0.05	0.05	13.6	0.18
MMBZ4706	DU	18.1	19	20	0.05	0.05	14.4	0.19
MMBZ4707	DV	19	20	21	0.05	0.01	15.2	0.2
MMBZ4708	DA	20.9	22	23.1	0.05	0.01	16.7	0.22
MMBZ4709	DZ	22.8	24	25.2	0.05	0.01	18.2	0.24
MMBZ4710	DY	23.8	25	26.3	0.05	0.01	19	0.25
MMBZ4711	EA	25.7	27	28.4	0.05	0.01	20.4	0.27
MMBZ4712	EC	26.6	28	29.4	0.05	0.01	21.2	0.28
MMBZ4713	ED	28.5	30	31.5	0.05	0.01	22.8	0.3
MMBZ4714	EE	31.4	33	34.7	0.05	0.01	25	0.33
MMBZ4715	EF	34.2	36	37.8	0.05	0.01	27.3	0.36
MMBZ4716	EH	37.1	39	41	0.05	0.01	29.6	0.39
MMBZ4717	EJ	40.9	43	45.2	0.05	0.01	32.6	0.43

Notes

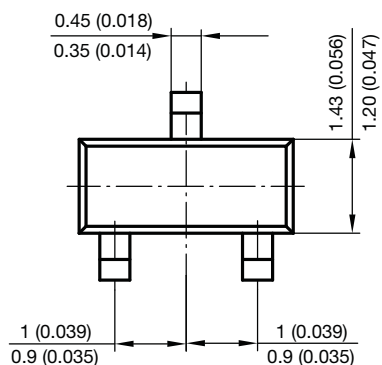
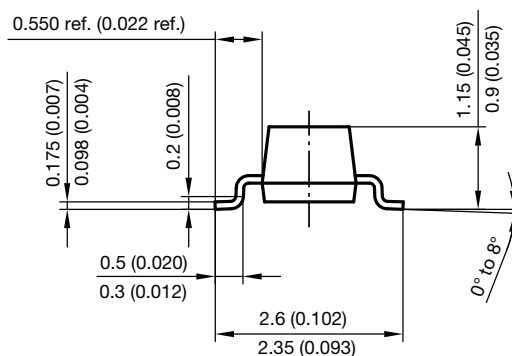
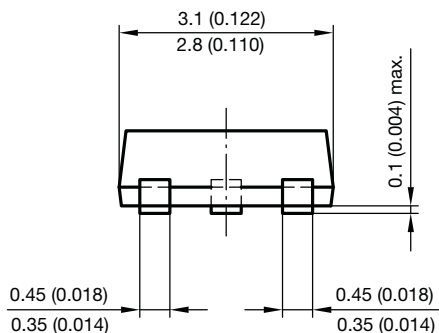
- Maximum $V_F = 0.9\text{ V}$, at $I_F = 10\text{ mA}$

⁽¹⁾ Tested with pulse test current

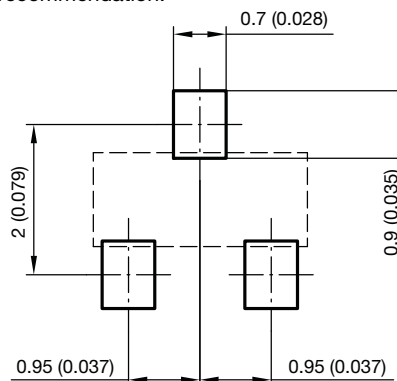
⁽²⁾ Maximum voltage change (V_Z). Voltage change is equal to the difference between V_Z at $100\text{ }\mu\text{A}$ and V_Z at $10\text{ }\mu\text{A}$.



PACKAGE DIMENSIONS in millimeters (inches): SOT-23



Foot print recommendation:



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