

MM5Z4690

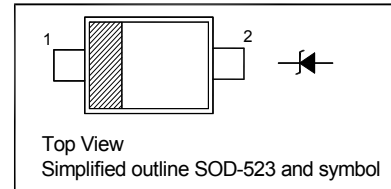
SILICON PLANAR ZENER DIODES

Features

- Power Dissipation: 200 mW

PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode



Absolute Maximum Ratings ($T_a = 25\text{ }^\circ\text{C}$)

Parameter	Symbol	Value	Unit
Total Device Dissipation ¹⁾	P_{tot}	200	mW
Operating Junction and Storage Temperature Range	T_j, T_{stg}	- 65 to + 150	$^\circ\text{C}$

¹⁾ Mounted on a FR4 PCB, single-sided copper, mini pad.

Characteristics at $T_a = 25\text{ }^\circ\text{C}$

Parameter	Symbol	Max.	Unit
Forward Voltage at $I_F = 10\text{ mA}$	V_F	0.9	V

Characteristics at $T_a = 25\text{ }^\circ\text{C}$

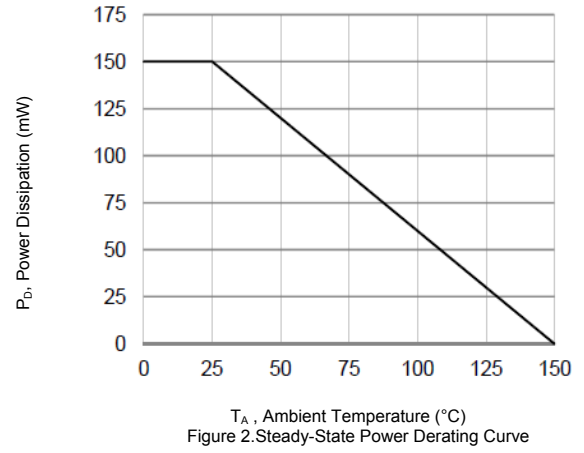
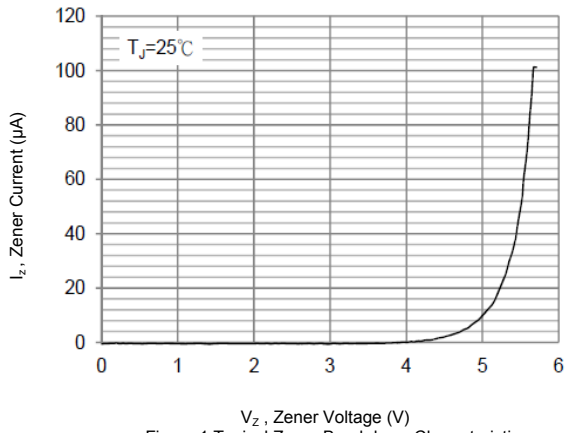
Type	Marking Code	Zener Voltage				Leakage Current	
		V_{ZT}			at I_{ZT}	I_R	at V_R
		Nom. (V)	Min. (V)	Max. (V)	(μA)	Max. (μA)	(V)
MM5Z4690	I8	5.6	5.32	5.88	50	10	4

TOP DYNAMIC



Dated : 15/07/2016 Rev:01

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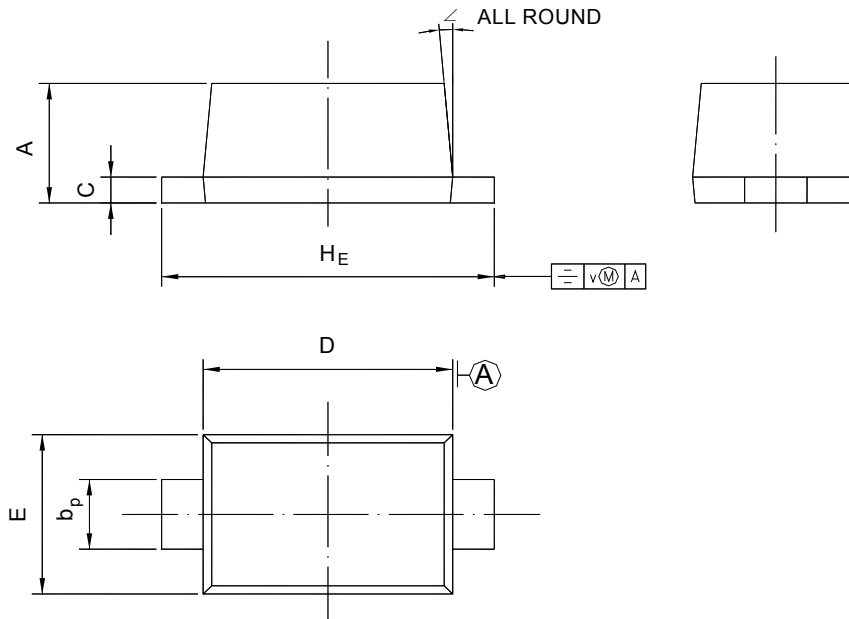
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PACKAGE OUTLINE

Plastic surface mounted package; 2 leads

SOD-523



UNIT	A	b _p	C	D	E	H _E	V	∠
mm	0.70 0.60	0.4 0.3	0.135 0.100	1.25 1.15	0.85 0.75	1.7 1.5	0.1	5°

TOP DYNAMIC



ISO14001 : 2004 Certificate No. 121535007
 ISO 9001 : 2008 Certificate No. 5014012
 OHSAS 18001 : 2007 Certificate No. 05131508006
 IECCO QCC 0800000 Certificate No. ESO/INT/01/14/02

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