

HZN6.2Z4MFA

Silicon Planar Zener Diode for Surge Absorb

REJ03G0204-0100Z

Rev.1.00

Mar.29.2004

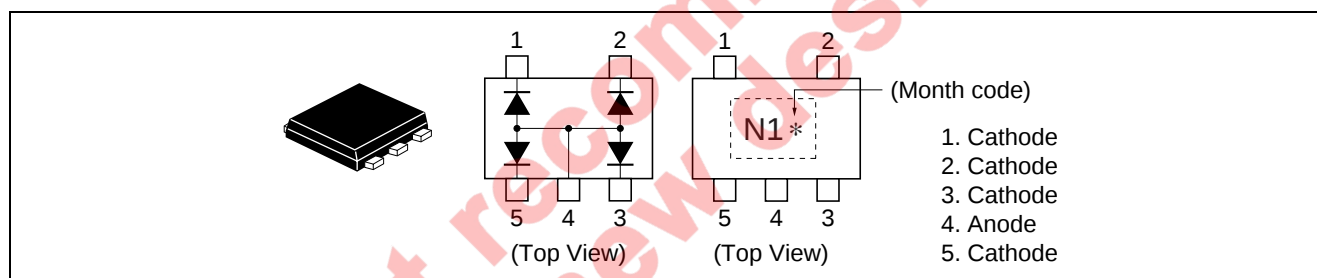
Features

- HZN6.2Z4MFA has four devices in a monolithic, and can absorb surge.
- Low capacitance ($C = 4.0 \text{ pF Typ} / 4.5 \text{ pF max}$) and can protect ESD of signal line.
- VSON-5T Package is suitable for high density surface mounting.

Ordering Information

Type No.	Laser Mark	Package Code
HZN6.2Z4MFA	N1	VSON-5T

Pin Arrangement



Absolute Maximum Ratings

(Ta = 25°C)

Item	Symbol	Value	Unit
Power dissipation	Pd *	200	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

Note: Four device total, See Fig.2.

Electrical Characteristics *¹

(Ta = 25°C)

Item	Symbol	Min	Typ	Max	Unit	Test Condition
Zener voltage	V _Z	5.90	—	6.50	V	I _Z = 5 mA, 40 ms pulse
Reverse current	I _R	—	—	3	μA	V _R = 5.5 V
Capacitance	C	—	4.0	4.5	pF	V _R = 0 V, f = 1 MHz
Dynamic resistance	r _d	—	—	60	Ω	I _Z = 5 mA
ESD-Capability * ²	—	8	—	—	kV	C = 150 pF, R = 330 Ω, Both forward and reverse direction 10 pulse

Notes: 1. Per one device.

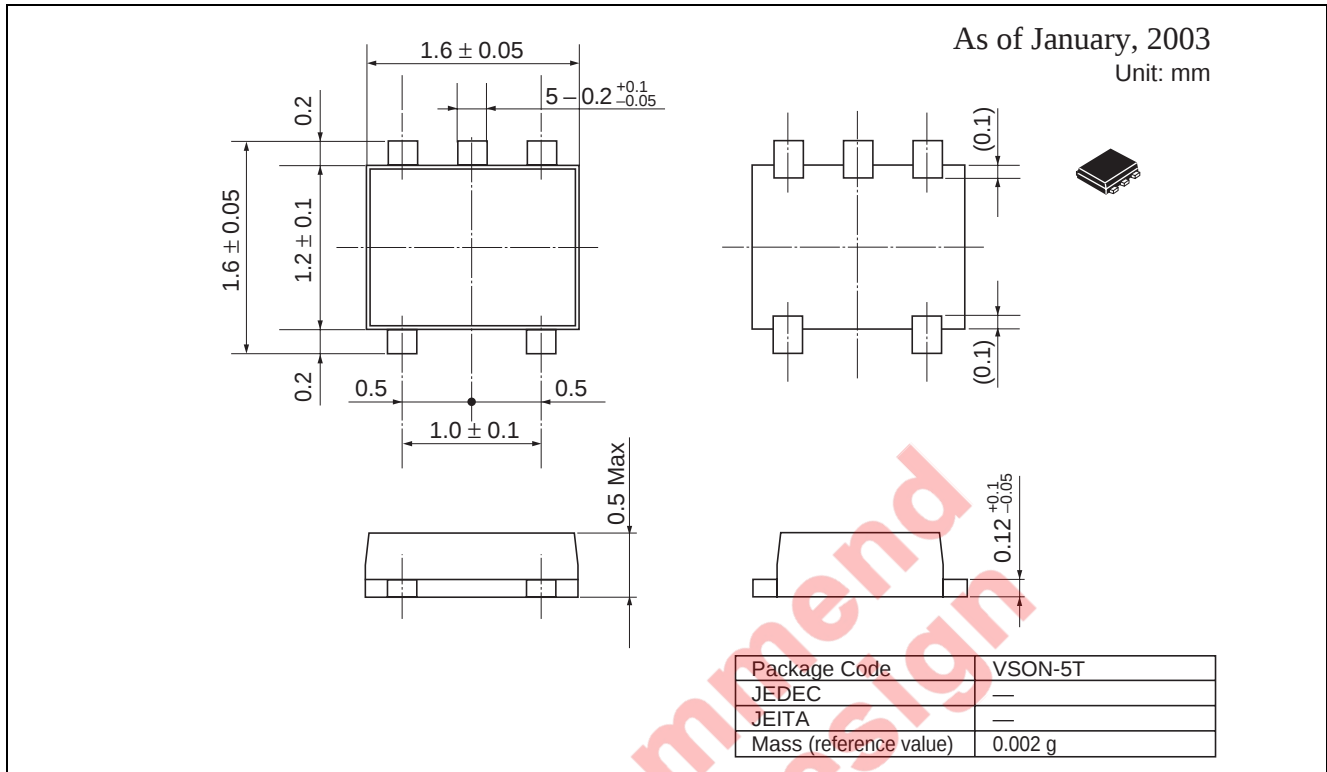
2. Failure criterion ; I_R > 3 μA at V_R = 5.5 V.

3. Between cathode and anode.

Month Code

Month of Manufacture	Assemble		Month of Manufacture	Assemble	
	JAPAN	MALAYSIA		JAPAN	MALAYSIA
January	A	1	July	G	7
February	B	2	August	H	8
March	C	3	September	J	9
April	D	4	October	K	W
May	E	5	November	L	X
June	F	6	December	M	Y

Package Dimensions



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