TOSHIBA Diodes for Protecting Against ESD Epitaxial Planar Type

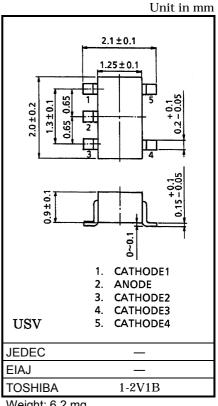
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Diodes for Protecting Against ESD

- Because four devices are mounted on an ultra compact package, it is possible to allow reducing the number of the parts and the mounting
- Zener voltage correspond to E24 series.

Maximum Ratings (Ta = 25°C)

Characteristic	Symbol	Rating	Unit
Power dissipation	Р	200	mW
Junction temperature	Tj	125	°C
Storage temperature range	T _{stg}	-55~125	°C



Weight: 6.2 mg

Electrical Characteristics (Ta = 25°C)

Characteristic	Symbol	Test Circuit	Test Condition	Min	Тур.	Max	Unit
Zener voltage	V_{Z}	_	$I_Z = 5mA$	6.4	6.8	7.2	V
Dynamic impedance	Z _Z	_	I _Z = 5mA	_	10	_	Ω
Knee dynamic impedance	Z _{ZK}	_	I _Z = 0.5mA	_	30	_	Ω
Reverse current	I _R	_	V _R = 5V	_	_	0.5	μA

Guaranteed Level of Esd Immunity

Marking

Equivalent Circuit (Top View)

Test Condition	ESD Immunity Level		
IEC61000-4-2 (Contact discharge)	±30kV		



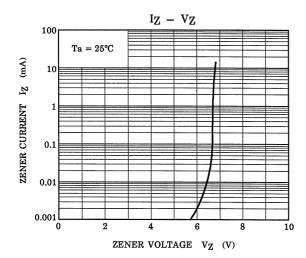


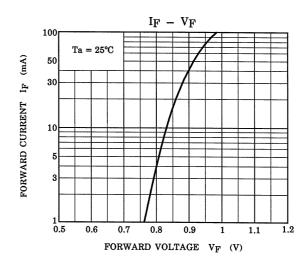
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