

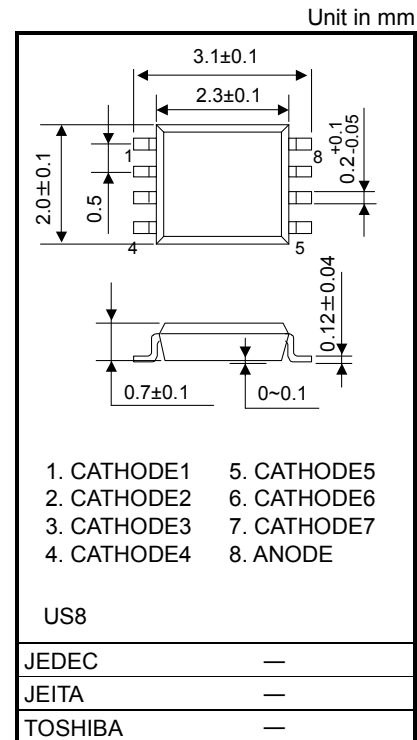
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Diodes for Protecting Against ESD

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

Maximum Ratings (Ta = 25°C)

Characteristic	Symbol	Rating	Unit
Power dissipation	P	200	mW
Junction temperature	T _j	150	°C
Storage temperature range	T _{stg}	-55~150	°C



Electrical Characteristics (Ta = 25°C)

Weight: 0.0088g(typ.)

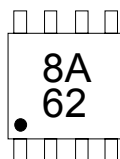
Characteristic	Symbol	Test Circuit	Test Condition	Min	Typ.	Max	Unit
Zener voltage	V _Z	—	I _Z = 5mA	5.8	6.2	6.6	V
Dynamic impedance	Z _Z	—	I _Z = 5mA	—	—	30	Ω
Reverse current	I _R	—	V _R = 3V	—	—	1.0	μA
Total capacitance	C _T	—	V _R = 0V, f=1MHz	—	55	—	pF

Guaranteed Level of ESD Immunity

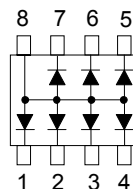
Test Condition	ESD Immunity Level
IEC61000-4-2 (Contact discharge)	± 30kV

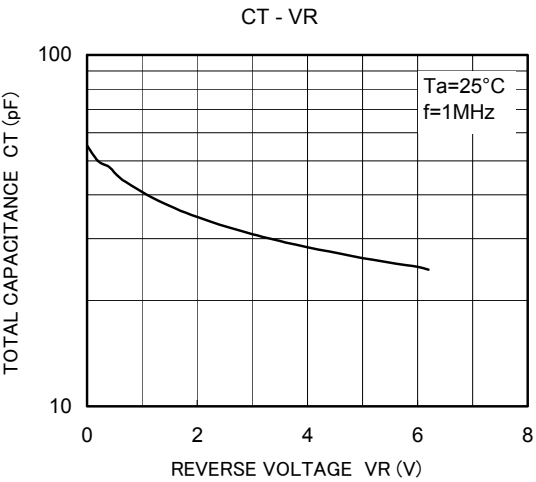
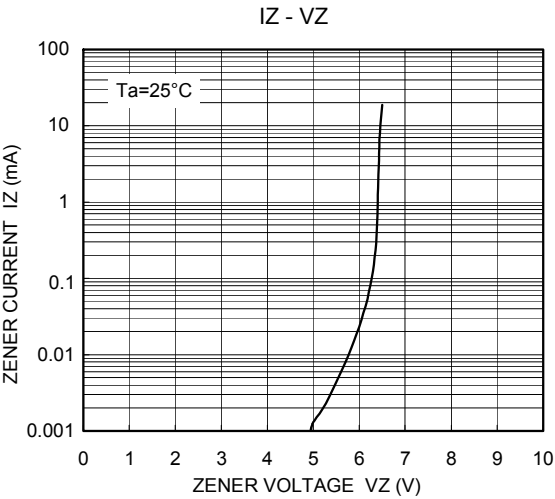
Judgment contents : No element destruction

Marking



Equivalent Circuit (Top View)





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