

Feature

- Ultra Small mold type. DFN-2
- Low I_R
- High reliability.


Applications

- Low current rectification

Construction

- Silicon epitaxial planar

Mechanical Characteristics

- Lead finish:100% matte Sn(Tin)
- Mounting position: Any
- Qualified max reflow temperature:260°C
- Device meets MSL 1 requirements
- Pure tin plating: 7 ~ 17 μm
- Pin flatness : $\leq 3\text{mil}$

Electrical characteristics per line@25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	0.6	V	$I_F=200\text{mA}$
Reverse current	I_R	-	-	2	μA	$V_R=10\text{V}$

Absolute maximum rating@25°C

Parameter	Symbol	limits	Unit
Reverse voltage (DC)	V_{RM}	30	V
Average rectified forward current	I_o	200	mA
Forward current surge peak (60Hz 1cyc)	I_{FSM}	1	A
Operating Junction temperature Range	T_j	-55 to 125	°C
Storage temperature	T_{stg}	-40 to +125	°C

Typical Characteristics

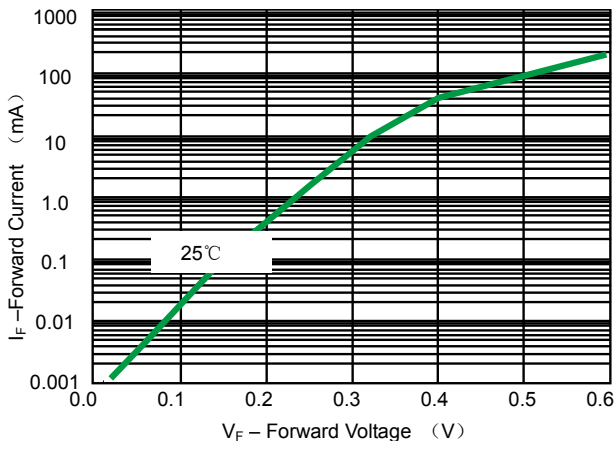


Fig 1. Forward Voltage

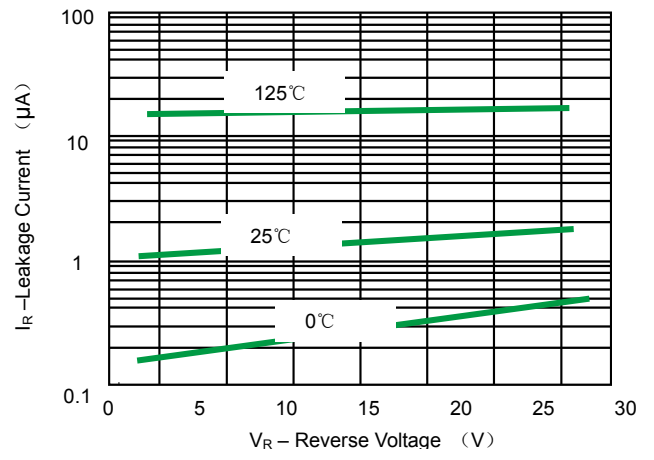
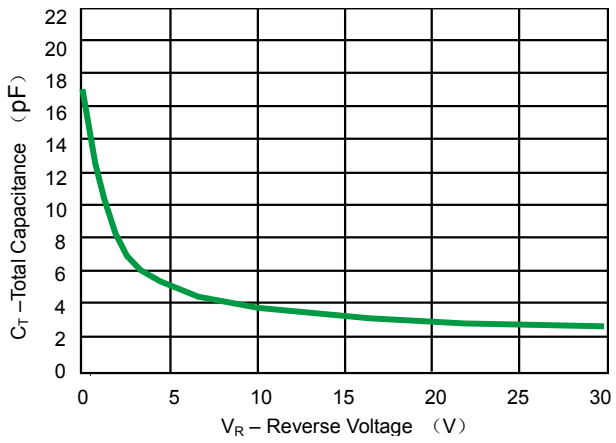
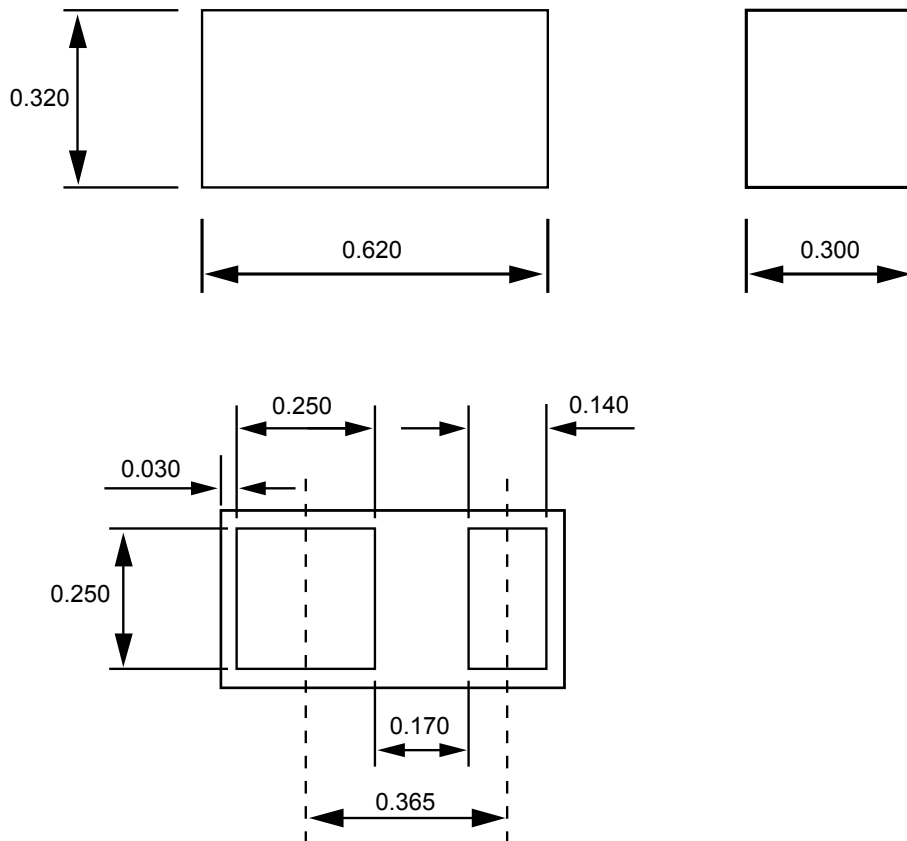


Fig 2. Leakage Current




Product dimension (DFN-2)(0201)



Unit:mm


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