

TOSHIBA Diode Silicon Epitaxial Schottky Barrier Type

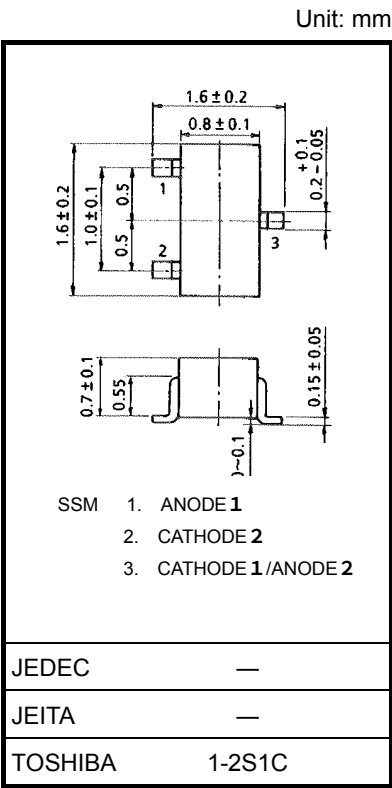
JDH3D01S

○ For wave detection

➤ Small package

Maximum Ratings (Ta = 25°C)

Characteristic	Symbol	Rating	Unit
Reverse voltage	V_R	4	V
Forward current	I_F	25	mA
Junction temperature	T_j	125	°C
Storage temperature range	T_{stg}	-55~125	°C

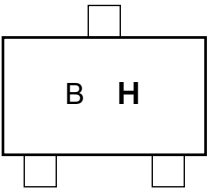


Electrical Characteristics (Ta = 25°C)

Weight:0.0024g (typ.)

Characteristic	Symbol	Test Condition	Min	Typ.	Max	Unit
Forward voltage	V_F	$I_F = 2\text{ mA}$	—	0.25	—	V
Forward current	I_F	$V_F = 0.5\text{ V}$	25	—	—	mA
Reverse current	I_R	$V_R = 0.5\text{ V}$	—	—	25	uA
Capacitance	C_T	$V_R = 0.2\text{ V}, f = 1\text{ MHz}$	—	0.6	—	pF

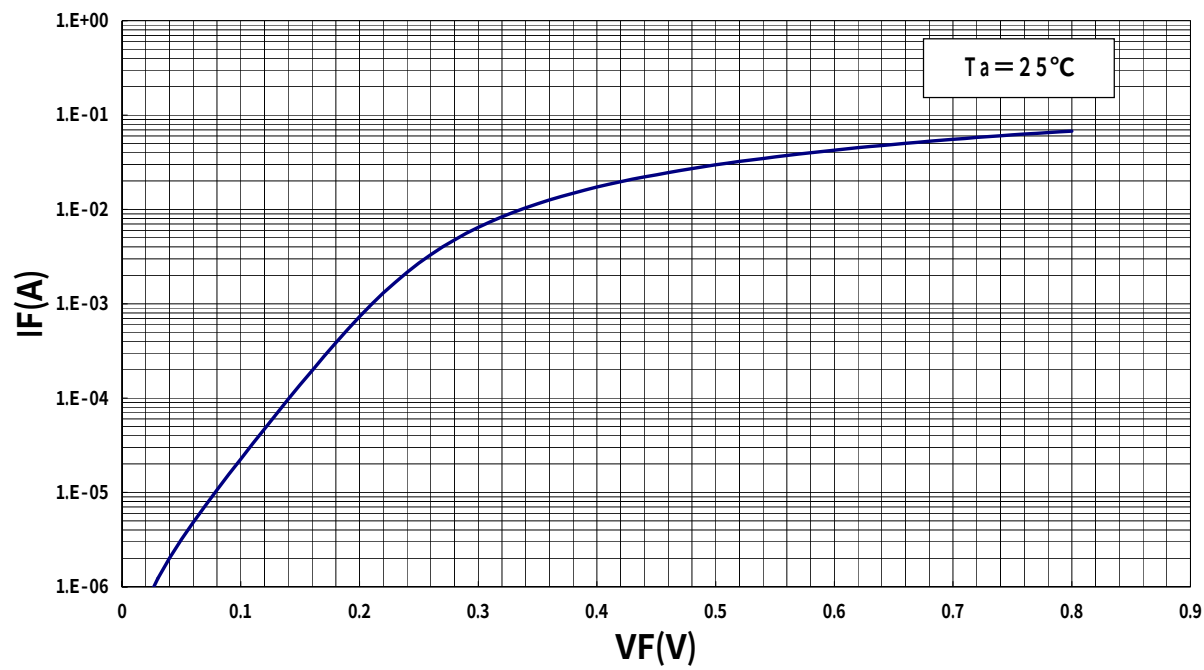
Marking



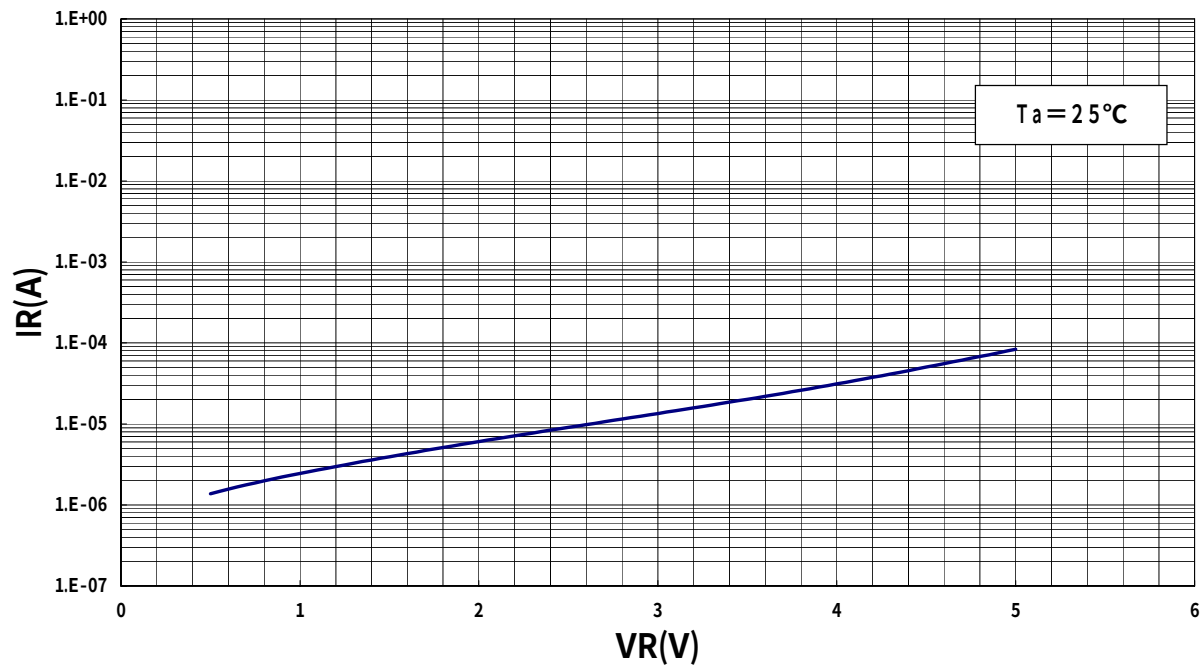
Caution

This device is sensitive to electrostatic discharge. Operators should wear antistatic clothing, and containers and other objects that come into direct contact with the product should be made of antistatic materials.

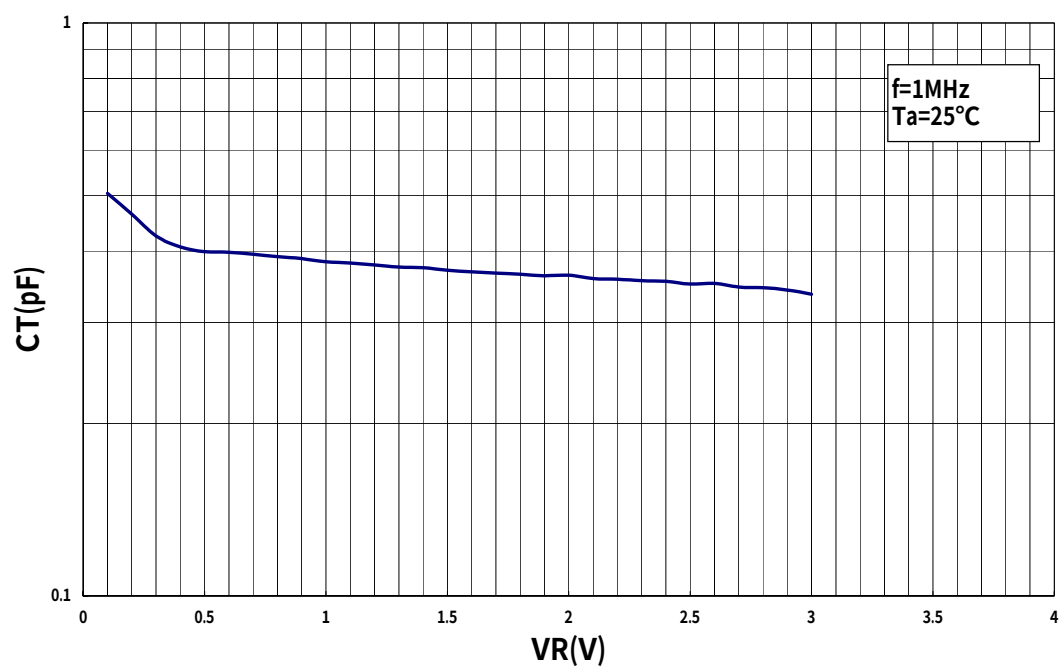
IF - VF



IR - VR



CT-VR



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