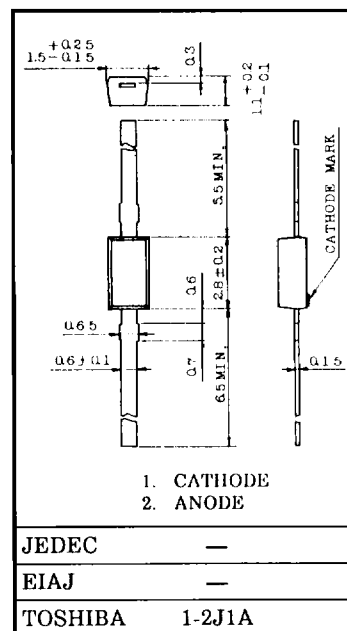


CATV/UHF/VHF MIXER APPLICATIONS.

Unit in mm

MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	6	V
Forward Current	I_F	30	mA
Junction Temperature	T_j	125	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	$-30 \sim 125$	$^\circ\text{C}$



Weight : 0.02g

ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Reverse Voltage	V_R	$I_R = 10\mu\text{A}$	6	—	—	V
Reverse Current	I_R	$V_R = 5\text{V}$	—	—	0.5	μA
Forward Voltage	$V_F(1)$	$I_F = 0.1\text{mA}$	—	0.3	—	V
Forward Current	$V_F(2)$	$I_F = 10\text{mA}$	0.42	0.47	0.52	V
Total Capacitance	C_T	$V_R = 0, f = 1\text{MHz}$	—	0.8	—	pF
Delta Forward Voltage (Note 1)	ΔV_F	$I_F = 10\text{mA}$	—	—	10	mV
Delta Total Capacitance (Note 2)	ΔC_T	$V_R = 0, f = 1\text{MHz}$	—	—	0.2	pF

Note 1 : $V_F(2)$ classification is available by 10mV step.Note 2 : Maximum Total Capacitance difference in the classification of $V_F(2)$.

Marking

