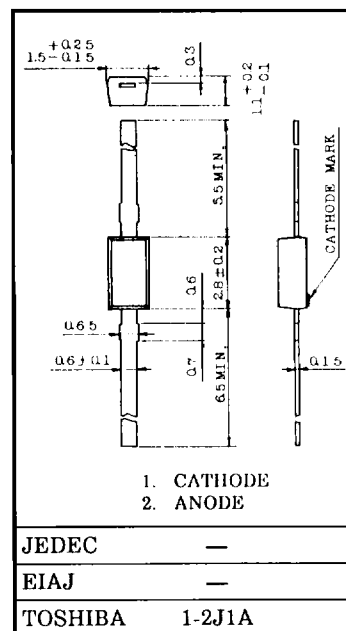


CATV/UHF/VHF MIXER APPLICATIONS.

Unit in mm



MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Reverse Voltage	V_R	6	V
Forward Current	I_F	30	mA
Junction Temperature	T_j	125	°C
Storage Temperature Range	T_{stg}	-30~125	°C

Weight : 0.02g

ELECTRICAL CHARACTERISTICS (Ta = 25°C)

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

