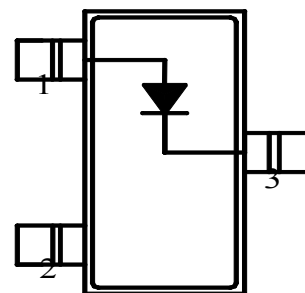


APPLICATION: COMMUTATED APPLICATION,
SWITCHING APPLICATION.

MAXIMUM RATINGS (Ta=25°C)

PARAMETER	SYMBOL	RATING	UNIT
Reverse Peak Voltage	V_{RM}	85	V
Forward Peak Current	I_{FM}	500	mA
Non-repetitive Peak Forward Current	I_{FSM}	1	A
Power Dissipation	P_D	250	mW
Junction Temperature	T_J	150	°C
Storage Temperature Range	T_{stg}	-55~150	°C



1. Anode 2. Empty 3. Cathode

ELECTRICAL CHARACTERISTICS

(Ta=25°C)

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
Reverse Breakdown Voltage	V_R	85			V	$I_R = 5 \mu A$
Forward Voltage	V_F			1.25	V	$I_F = 150 \text{ mA}$
Reverse Recovery Time	t_R			1	μA	$V_R = 75V$
Capacitance	C_T			2	pF	$V_R = 0, f = 1 \text{ MHz}$
Reverse Recovery Time	t_{rr}			6	ns	$V_R = 5V, I_F = 10 \text{ mA}, R_L = 500 \Omega$

Marking

Print Mark

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