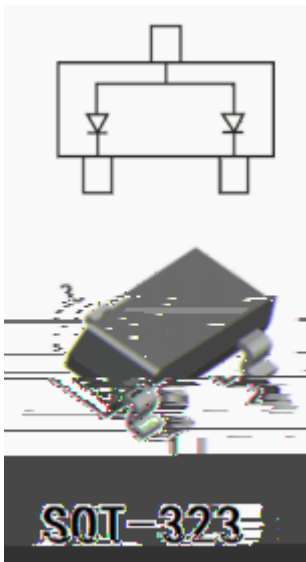


## Dual Switching Diode



### Features

Moisture sensitivity level 1

Reverse voltage 75V

fl Average forward current 150mA

### Application

Signal switching

High frequency rectifier

### Mechanical data

**Package** SOT-323

**Terminals** Tin plated leads, solderable per J-STD-002 and JESD22-B102

### Maximum Ratings ( $T_a=25$ Unless otherwise specified)

Parameter	Symbol	Unit	Value
Device marking code			KJC
Repetitive peak reverse voltage	$V_{RRM}$	V	100
Forward current, per leg	$I_F$	mA	150
Non-repetitive surge peak forward current @ t=8.3ms half-sine wave	$I_{FSM}$	A	2
Non-repetitive surge peak forward current @ t=1ms square wave			2
Power dissipation	$P_D$	mW	200
Junction temperature	$T_J$		-55 to +150
Storage temperature	$T_{STG}$		-55 to +150

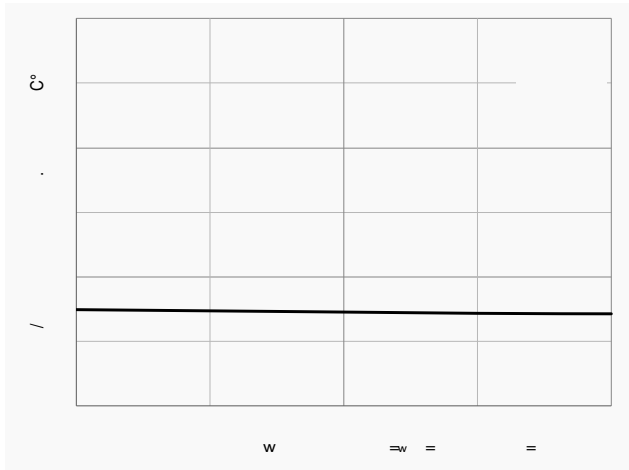


Parameter			Conditions	Min	Typ	Max
Reverse voltage	$V_R$	V	$I_R=100\mu A$	75		
Forward voltage	$V_{F1}$	V	$I_F=1mA$			0.715
	$V_{F2}$	V	$I_F=10mA$			0.855
	$V_{F3}$	V	$I_F=50mA$			1
	$V_{F4}$	V	$I_F=150mA$			1.25
Reverse leakage current	$I_R$	$\mu A$	$V_R=75V$			2.5
Junction capacitance	$C_j$	pF	$V_R=0V, f=1MHz$			2
Reverse recovery time	$T_{rr}$	ns	$I_F=I_R=10mA$			

&KDUDFWHULVWLFV

)LJ 3 7 D & X U Y H

&DSDFLWDQFH &DSDE\QJW\



)LJ 7 \ S L F D O ) R U Z D U G & K D U D F W H \ S L F D O L 5 H V H U V H & K D U D F W H U



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Preferred P/N	Packing code	Unit weight(g)	Minimum package(pcs)	Inner box quantity(pcs)	
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