

# OA91, OA91A

## Germanium Point Contact Type

General Use  
High Brakdown Voltage

### ■ Features

- High  $V_R$

### ■ Absolute Maximum Ratings ( $T_a=25^\circ\text{C}$ )

Item	Symbol	Value	Unit
Reverse Voltage (DC)	$V_R$	90	V
Peak Reverse Voltage	$V_{RM}$	100	V
Forward Current (DC)	$I_F$	50	mA
Peak Forward Current	$I_{FM}$	150	mA
Non-Repetitive Peak Forward Surge Current	$I_{FSM}^*$	500	mA
Storage Temperature	$T_{STG}$	-55 ~ +75	$^\circ\text{C}$

\*  $t \leq 1\text{s}$

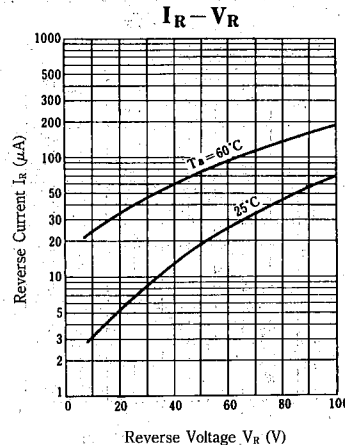
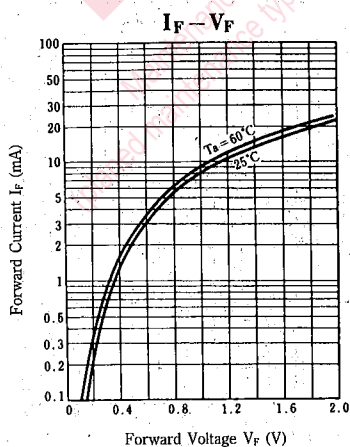
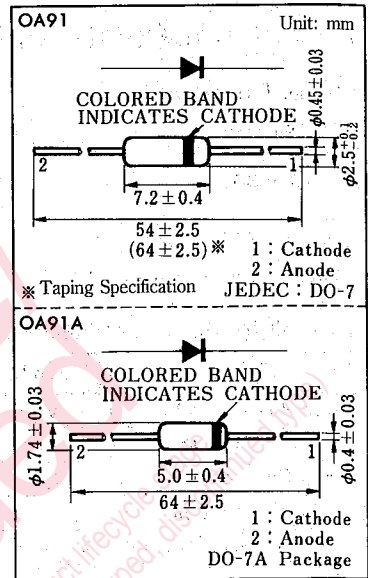
### ■ Electrical Characteristics ( $T_a=25^\circ\text{C}$ )

Item	Symbol	Condition	min.	typ.	max.	Unit
Forward Current (DC)	$I_F$	$V_F = 1\text{ V}$	3	10		mA
		$V_R = 10\text{ V}$		4	11	$\mu\text{A}$
Reverse Current (DC)	$I_R$	$V_R = 75\text{ V}$		50	185	$\mu\text{A}$
		$V_R = 100\text{ V}$		80	275	$\mu\text{A}$

### ■ Cathode Indications

Type No.	OA 91/OA 91A
Color	Yellow

### ■ Package Dimensions



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