

### SILICON VARISTOR

DC FORWARD CURRENT: 400,150 mA

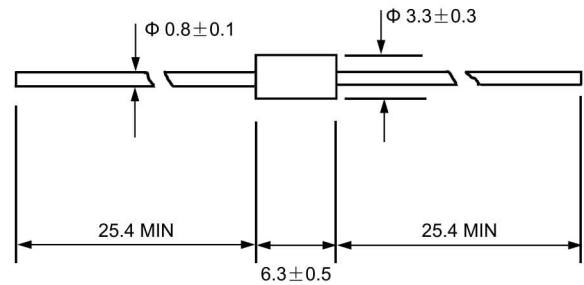
#### FEATURES

- ◇ Molded case feature for auto insertion
- ◇ High surge capability
- ◇ High temperature soldering guaranteed  
250°C/10S/9.5mm lead length at 5 lbs tension

#### MECHANICAL DATA

- ◇ Case: Molded with UL-94 Class V-O recognized flame retardant epoxy
- ◇ Terminals: Plated axial leads, solderable per MIL-STD-202E, Method 208C
- ◇ Mounting position: Any

#### DO-15



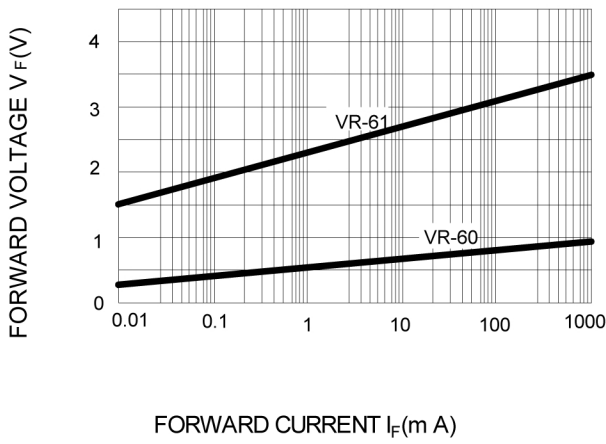
Dimensions in millimeters

### MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

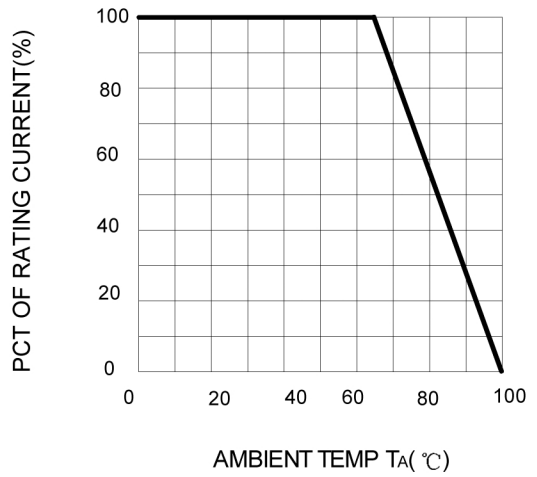
Ratings at 25°C ambient temperature unless otherwise specified.

	SYMBOL	TEST CONDITION	VALUE		UNITS
			VR60	VR61	
DC forward current	$I_F$		400	150	mA
Maximum surge current	$I_{FSM}$	8.3ms single half-sine wave	35	25	A
Forward voltage	$V_F$	$I_F=1A$	1.5 max		V
		$I_F=1m A$	0.5min	2.30±0.25	
		$I_F=10m A$		2.75±0.25	
		$I_F=70m A$		3.10±0.25	
Forward current	$I_F$	$V_F=0.2V$	20max		μA
Assembly of chips					
Color band	positions				
	color		Silver		
Operating junction temperature range	$T_j$		- 55 ---- + 100		°C
Storage temperature range	$T_{STG}$		- 55 ---- + 100		°C

**FIG.1 - TYPICAL INSTANTANEOUS  
FORWARD CHARACTERISTICS**



**FIG.2 - TYPICAL FORWARD CURRENT  
DERATING CURVE**



**FIG.3 - PEAK FORWARD SURGE CURRENT**

