



**VR60 , VR61**  
SILICON VARISTOR

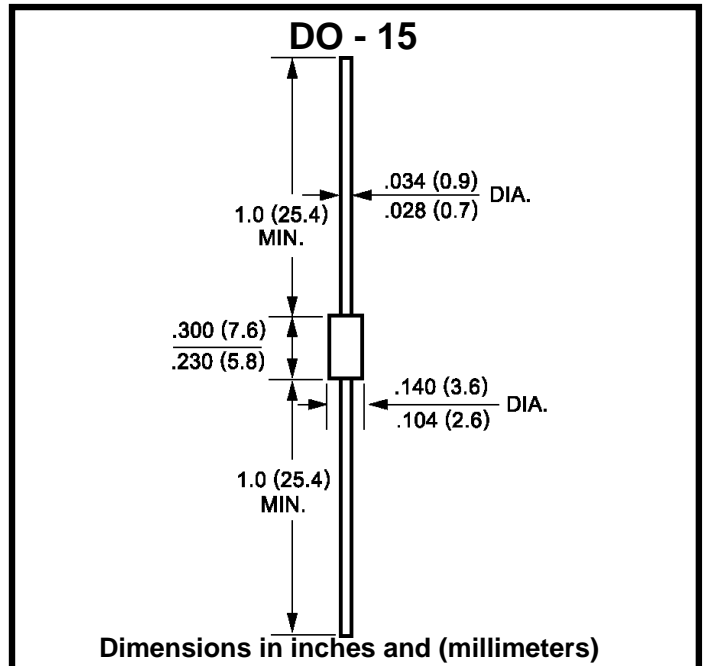
TECHNICAL  
SPECIFICATION

**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**

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



**MAXIMUM RATINGS AND CHARACTERISTICS**

(Ratings at 25°C ambient temperature unless otherwise specified)

RATINGS	SYMBOL	TEST CONDITION	VALUE		UNITS
			VR60	VR61	
D C Forward Current	$I_F$		400	150	mA
Maximum Surge Current	$I_{FSM}$	8.3ms single half-sine wave	35	25	A
Forward Voltage	$V_F$	$I_F=1A$	1.5max		V
		$I_F=1mA$	0.5min	2.30±0.25	
		$I_F=10mA$		2.75±0.25	
		$I_F=70mA$		3.10±0.25	
Forward Current	$I_F$	$V_F=0.2V$	20 max		μA
Assembly of Chips					
Color Band	Positions				
	Color		Orange		
Operating Junction and Storage Temperature Range	$T_J, T_{STG}$		-65 to +100		°C