

SILICON VARISTOR

DC FORWARD CURRENT: 400,150 mA

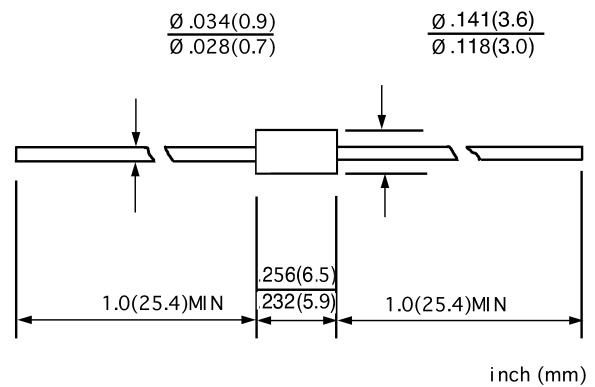
FEATURES

- ◇ 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

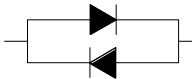
- ◇ Case:Molded with UL-94 Class V-O recognized flame retardant epoxy
- ◇ Terminals: Plated axial leads,solderable per MIL- STD-202E,Method 208C
- ◇ Mounting position: Any

DO-15



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

		SYMBOL	TEST CONDITION	VALUE		UNITS
				VR60	VR61	
DC forw ard current		I _F		400	150	m A
Maximum surge current		I _{FSM}	8.3ms single half-sine wave	35	25	A
Forw ard voltage		V _F	I _F =1A	1.5max		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		μ A
Assembly of chips						
Color band	positions					
	color			Orange		
Operating junction temperature range		T _j	- 55 ---- + 100			℃
Storage temperature range		T _{STG}	- 55 ---- + 100			℃

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FIG.1 - TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

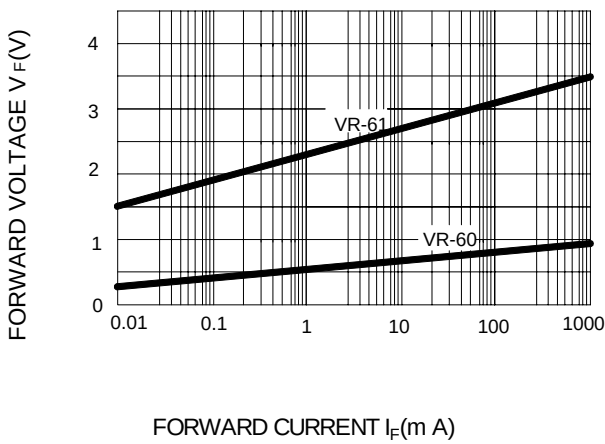


FIG.2 - TYPICAL FORWARD CURRENT
DERATING CURVE

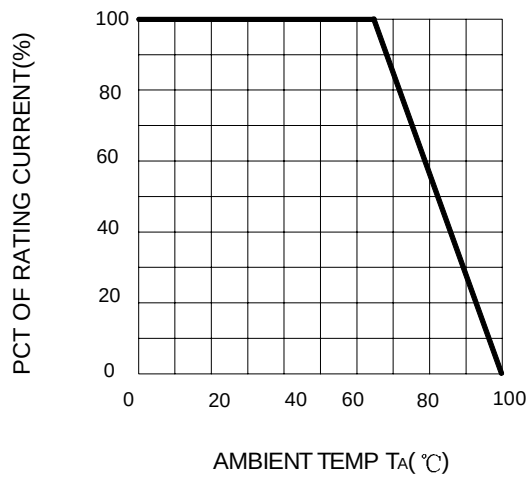


FIG.3 - PEAK FORWARD SURGE CURRENT

