

VARISTOR SILICON RECTIFIER

CURRENT 0.5 Ampere

FEATURES

- * Low cost
- * Low leakage
- * Low forward voltage drop
- * High current capability

MECHANICAL DATA

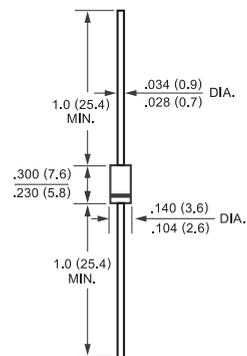
- * Case: Molded plastic
- * Epoxy: UL 94V-O rate flame retardant
- * Lead: MIL-STD-202E method 208C guaranteed
- * Mounting position: Any
- * Weight: 0.4 gram

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified.
 Single phase, half wave, 60 Hz, resistive or inductive load.
 For capacitive load, derate current by 20%.



DO-15



Dimensions in inches and (millimeters)

MAXIMUM RATINGS (At TA = 25°C unless otherwise noted)

RATINGS	SYMBOL	VR60	UNITS
Maximum Average Forward Rectified Current at TA = 75°C	I _o	0.5	Amps
Operating Temperature Range	T _J	-65 to + 150	°C
Storage Temperature Range	T _{STG}	-65 to + 150	°C

ELECTRICAL CHARACTERISTICS (At TA = 25°C unless otherwise noted)

CHARACTERISTICS	SYMBOL	VR60	UNITS
Maximum Forward Voltage Drop per element at 1.0A DC	V _F	1.5	Volts
Maximum Forward Voltage Drop per element at 1.0mA DC		0.5	Volts
Maximum Leak Current at 0.2V Forward Voltage	I _F	20	uAmps

RATING AND CHARACTERISTIC CURVES (VR60)

FIG. 1 - MAXIMUM NON-REPETITIVE SURGE CURRENT

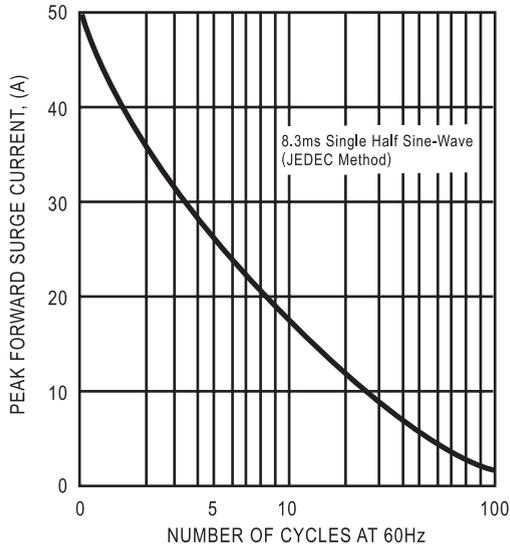


FIG. 2 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

