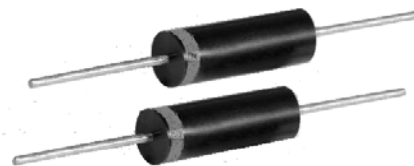




Features

- Fast Reverse Recovery time for high efficiency
- Molded plastic body, ANSI/UL94 V-0 rated material
- High Peak reverse voltage
- RoHS compliant to Directive 2011/65/EC, Article 4(1), Annex II, Annex III, 7(a) and EU RoHS Directive (EU) 2015/863 of March 2015, Amending Annex II



DEVICE ELECTRICAL CHARACTERISTICS

(25°C ambient temperature unless stated otherwise)

	Conditions	Symbol	Value
Maximum Repetitive Peak Reverse Voltage		V_{RRM}	10,000 Volts
Average Forward Current Maximum	$T_A = 55^\circ\text{C}$	I_{FAVM}	0.45 Amps
Maximum Forward Voltage Drop	$I_F = 450\text{ mA}$	V_F	9 Volts
Maximum Surge Current	8.3msec, Half Sine	I_{FSM}	30 Amps
Maximum Reverse Current	$V_R = V_{RRM}$	I_R	5.0 μA
Maximum Junction Temperature	-	T_J	150°C
Storage Temperature Range	-	T_{STG}	-55°C to 150°C

MECHANICAL DATA

	Symbol	Min.		Max.	
		in	mm	in	mm
Body Length	A	-	-	0.87	22.1
Body Diameter	D	-	-	0.30	7.6
Lead Length	B	0.95	24.0	-	-
Lead Diameter	C	-	-	0.05	1.3

