



Features

- Fast reverse recovery time for high efficiency
- Molded plastic body, ANSI/UL94 V-0 rated material
- 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}	15,000 Volts
Average Forward Current Maximum	$T_A = 55^\circ\text{C}$	I_{FAVM}	150 mA
Average Forward Current Maximum	$T_{oil} = 55^\circ\text{C}$	I_{FAVM}	250 mA
Maximum Forward Voltage Drop	$I_F = 100\text{mA}$	V_F	16 Volts
Maximum Surge Current Rating	8.3msec, half sine	I_{FSM}	20 Amps
Maximum Reverse Current	at rated V_{RRM}	I_R	0.5 μA
Maximum Reverse Recovery Time	$I_F=100\text{mA}; I_R= -200\text{mA}; I_{RR}= -50\text{mA}$	T_{RR}	50 nsec
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	-	-	0.6	15.3
Body Diameter	D	-	-	0.17	4.3
Lead Length	B	0.6	15.3	-	-
Lead Diameter	C	0.028	0.71	0.032	0.81

