



Features

- Fast recovery time
- High Peak Reverse Voltage
- RoHS compliant based on exemption [2011/65/EC, Annex III, 7(a)]



Device Electrical Characteristics

(25°C ambient temperature unless stated otherwise)

	Conditions	Symbol	Value
Repetitive Peak Reverse Voltage	-	V_{RRM}	20,000 Volts
Average Forward Current maximum	$T_{OIL} = 55^{\circ}C$	I_{FAVM}	120 mA
Maximum Forward Voltage Drop	@ I_{FAVM} @ 25°C	V_F	38 Volts
Maximum Reverse Current	@ V_{RRM} @ 25°C	I_R	2.0 μA
Maximum Reverse Recovery Time	$T_A=25^{\circ}C, 0.5 I_{FAVM}, I_{FAVM}, 0.25 I_{FAVM}$	T_{RR}	100 η sec
Maximum Forward Surge Current	8.3msec, half sine wave	I_{FSM}	20 Amps
Maximum Junction Temperature	-	T_J	150°C
Operating and Storage Temperature	-	T_{OS}	-55°C to 150°C

MECHANICAL DATA

		Min.		Max.	
		IN	MM	IN	MM
Body Length	A	-	-	0.87	22
Body Diameter	D			0.30	7.6
Lead Length	B	0.942	23.92	-	-
Lead Diameter	C			0.050	1.27

