



Features

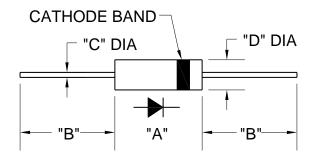
- Fast recovery time
- High Peak Reverse Voltage
- RoHS compliant based on exemption [2011/65/EC, Annex III, 7(a)]



Device Electrical Characteristics

(25°C ambient temperature unless stated otherwise)	Conditions	Symbol	Value
Repetitive Peak Reverse Voltage	-	\mathbf{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	$V_{\rm F}$	38 Volts
Maximum Reverse Current	@V _{RRM} @ 25°C	I_R	2.0 μΑ
Maximum Reverse Recovery Time	T_A =25°C, 0.5 I_{FAVM} , I_{FAVM} , 0.25 I_{FAVM}	T_{RR}	100 ηsec
Maximum Forward Surge Current	8.3msec, half sine wave	I _{FSM}	20 Amps
Maximum Junction Temperature	-	T_{J}	150°C
Operating and Storage Temperature	-	Tos	-55°C to 150°C

		Min.		Max.	
MECHANICAL DATA		IN	MM	IN	MM
Body Length	A	-	-	0.87	22
Body Diameter	D			0.30	7.6
Lead Length	В	0.942	23.92	-	-
Lead Diameter	С			0.050	1.27



VERSION: 2.0

EFFECTIVE: OCTOBER 10, 2014