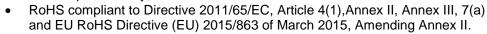
## **HVRL150**



15KV, 55mA, Fast Recovery High Voltage Diode

## **Features**

- Fast reverse recovery time for high efficiency
- Molded plastic body, ANSI/UL94 V-0 rated material

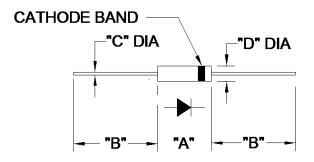




## **DEVICE ELECTRICAL CHARACTERISTICS**

( 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 <sub>A</sub> = 55°C	I <sub>FAVM</sub>	55 mA
Maximum Forward Voltage Drop	$I_F = 55mA$	$V_{F}$	23 Volts
Maximum Surge Current Rating	8.3msec, half sine	I <sub>FSM</sub>	3 Amps
Maximum Reverse Current	at rated V <sub>RRM</sub>	I <sub>R</sub>	1.0 µA
Maximum Reverse Recovery Time	$I_F$ =20mA, $I_R$ = 50mA, $I_{RR}$ = 10mA	$T_RR$	100 ηsec
Typical Junction Capacitance	$f = 1MHz, V_R = 0 VDC$	CJ	0.5 pf
Maximum Junction Temperature	-	$T_J$	150°C
Storage Temperature Range	-	T <sub>STG</sub>	-40°C to 150°C

		Min.		Ma	Max.	
MECHANICAL DATA		in.	mm	in.	mm	
Body Length	Α	-	-	0.60	15.2	
Body Diameter	D	-	-	0.17	4.3	
Lead Length	В	.95	24.2	-	-	
Lead Diameter	С	-	-	0.032	8.0	



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Page 1 of 1

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