

1N482B-1N486B

LOW LEAKAGE RECTIFIERS

FEATURES:

- Available as "HR" (high reliability) screened per MIL-PRF-19500, JANTX level. Add "HR" suffix to base part number
- Available Non-RoHS (standard) or RoHS compliant (add PBF suffix)

MAXIMUM RATINGS

Rating	Symbol	Value	Unit
Average Forward Rectified Current @ $T_A = 75^\circ\text{C}$	I_{AV}	200	mA
Average Forward Rectified Current @ $T_A = 150^\circ\text{C}$	I_{AV}	50	mA
Maximum Non-Repetitive Surge (8.3ms ½ sine)	I_{FSM}	2.0	A
Junction Temperature Range	T_J	-65 to 175	$^\circ\text{C}$
Storage Temperature range	T_{stg}	-65 to 175	$^\circ\text{C}$
Thermal Resistance @ $L = 3/8''$	$R_{\theta JL}$	250	$^\circ\text{C}/\text{mW}$

ELECTRICAL CHARACTERISTICS

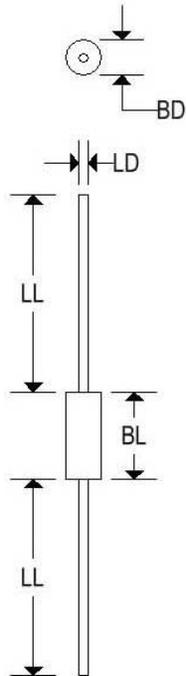
Part number	Reverse Voltage	Working Peak Reverse Voltage	Maximum Forward Voltage Drop	Maximum Leakage Current	
	V_{RM}	V_{RWM}	$V_F @ 0.1A$	$I_R @ V_{RWM}$	
	Volts	Volts	Volts	25 $^\circ\text{C}$	150 $^\circ\text{C}$
				nA	μA
1N482B	40	30	1.0	25	5
1N483B	80	70	1.0	25	5
1N484B	110	100	1.0	25	5
1N485B	200	180	1.0	25	5
1N486B	250	225	1.0	25	5

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MECHANICAL CHARACTERISTICS

Case	DO-35 Hermetic Glass Case
Marking	Alpha-numeric
Polarity	Cathode band



	DO-35			
	Inches		Millimeters	
	Min	Max	Min	Max
BD	0.055	0.090	1.400	2.290
BL	0.120	0.200	3.050	5.080
LD	0.018	0.022	0.460	0.560
LL	1.000	1.500	25.400	38.100