

FEATURES

- Available as non-RoHS (Sn/Pb plating), standard, and as RoHS by adding “-PBF” suffix.
- “HR” (high reliability) screened per MIL-PRF-19500, JANTX level.

MAXIMUM RATINGS

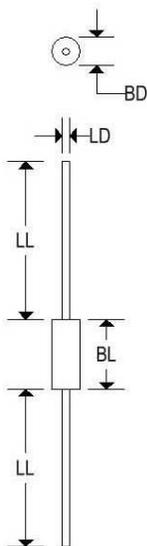
Ratings	Symbol	Value	Unit
Operating Temperature Range	T_J	-65 to +175	°C
Storage Temperature Range	T_{stg}	-65 to +175	°C
Surge Current, sine, 8.3ms	I_{FSM}	2	A
Total Power Dissipation, $T_A = 25^\circ\text{C}$	P_D	500	mW
Maximum Operating Current, $T_A = 25^\circ\text{C}$	I_O	200	mA
DC Reverse Voltage	V_{RWM}	70	V

ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ unless otherwise specified)

Forward Voltage				Reverse Current			
V_F				I_R			
Ambient	I_F	Min	Max	Ambient	V	Min	Max
°C	mA	V	V	°C	dc	µA	µA
25	100	0.8	1.0	25	70	-	0.025
-55	100	-	1.2	25	80	-	1.0
-	-	-	-	150	70	-	5.0

MECHANICAL CHARACTERISTICS

Case:	DO-35
Marking:	Body Painted, 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