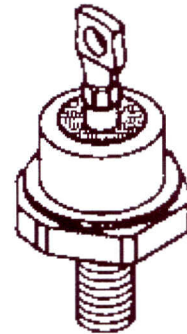


Features

- V_{RRM} to 1000V
- Highly reliable and rugged
- Stud mounted DO- 5 case
- Low thermal impedance
- JAN,JANTX, and JANTX Versions available
- Standard Polarity and Reverse Polarity

35Amp 100V-1000V Rectifier



Standard	Reverse	Voltage
1N1184	1N1184R	100
1N1186	1N1186R	200
1N1188	1N1188R	400
1N1190	1N1190R	500
1N3766	1N3766R	800
1N3768	1N3768R	1000

Electrical Characteristics

Average Forward Current	IF(AV) 35 Amps	Tc = 150°C
Maximum Surge Current	IFSM 500 Amps	8.3ms sine Tc=200°C
Max I ² t for fusing	I ² t 1100 A ² s	
Max peak forward voltage	V _{FM} 1.40 Volts	I _{FM} =110A : T _J =25°C
Max peak forward voltage	V _{FM} 2.30 Volts	I _{FM} =500A : T _J 25°C
Max peak reverse current	I _{RM} 10ua	V _{RRM} , T _J =25°C
Max peak reverse current	I _{RM} 1.0mA	V _{RRM} , T _J =150°C
Reverse recovery time	4us	I _{FM} =12 Amps

Thermal and Mechanical characteristics

Storage temp range	T _{STG}	-65°C to 175°C
Operating case temp range	T _C	-65°C to 150°C
Maximum thermal resistance	R _{θJC}	2.0 c/w Junction to case
Mounting torque		30 Inch pounds Max
Weight		0.5oz Typical