



Maximum Ratings

| Symbol | Conditions | Values | Units |
|--------|------------|--------|-------|
| V_R | | | |



Electrical Characteristics

| Symbol | Conditions | Values | | | Units |
|----------|--|--------|------|------|-------|
| | | Min. | Typ. | Max. | |
| I_{RM} | $V_R=400V$ | -- | -- | 1 | mA |
| | $V_R=400V, T_J=125^\circ C$ | -- | -- | 2 | mA |
| V_F | $I_F=200A$ | -- | 1.1 | 1.35 | V |
| | $I_F=200A, T_J=125^\circ C$ | -- | 1.0 | 1.25 | V |
| t_{rr} | $I_F=1A, V_R=30V, di_F/dt=-200A/\mu s$ | -- | 45 | -- | ns |

Performance Curves

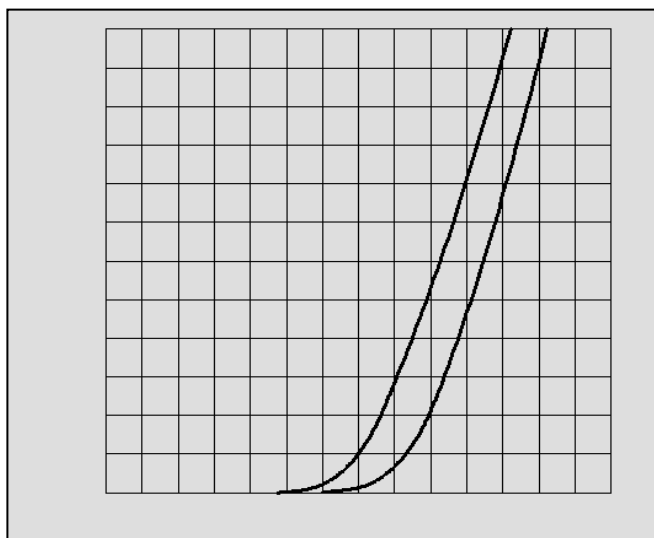


Fig1. Forward Voltage Drop vs Forward Current

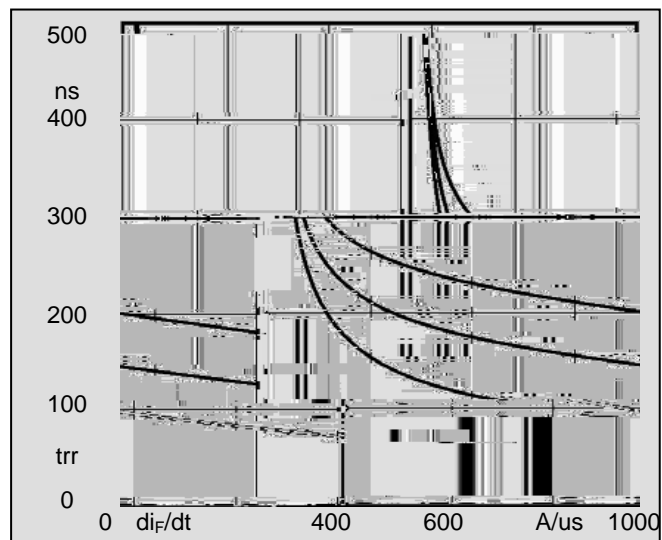


Fig2. Reverse Recovery Time vs di_F/dt

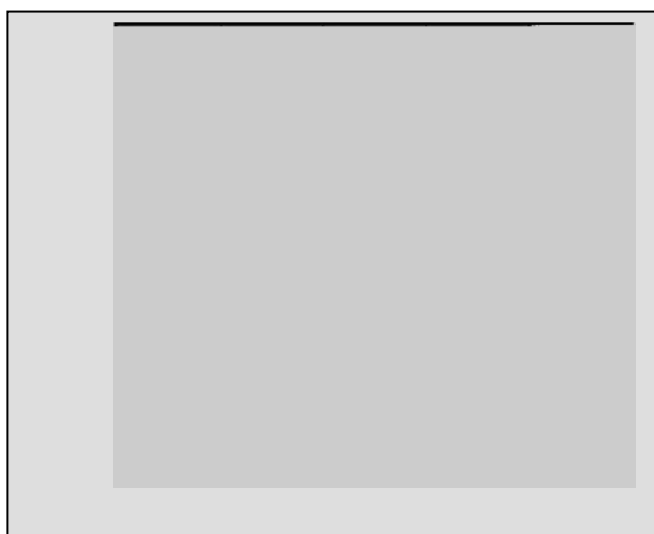


Fig3. Reverse Recovery Current vs di_F/dt

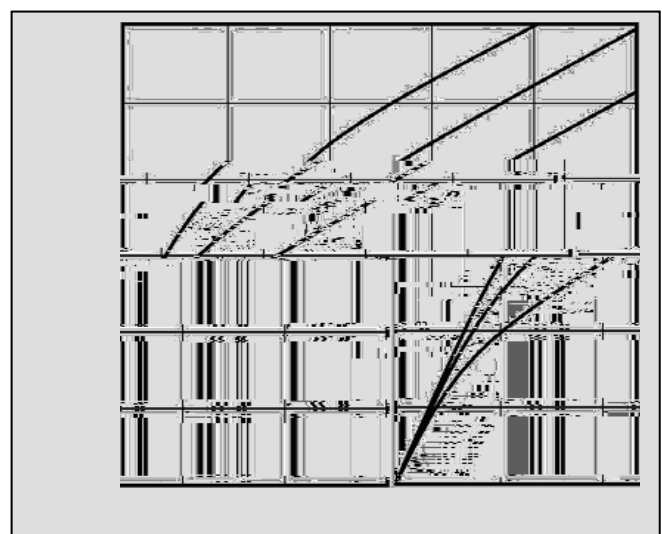


Fig4. Reverse Recovery Charge vs di_F/dt

