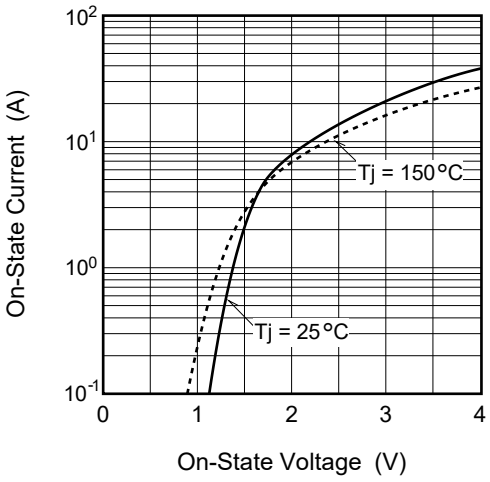
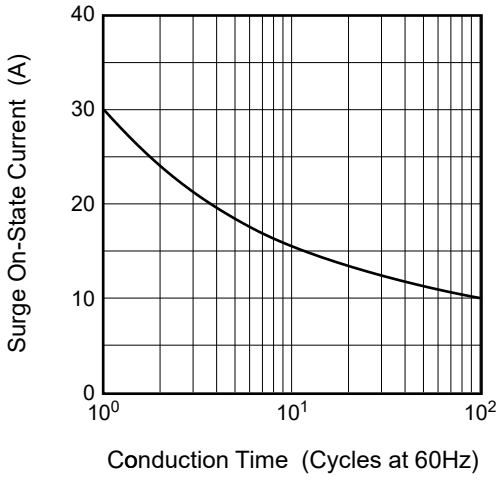
## Performance Curves

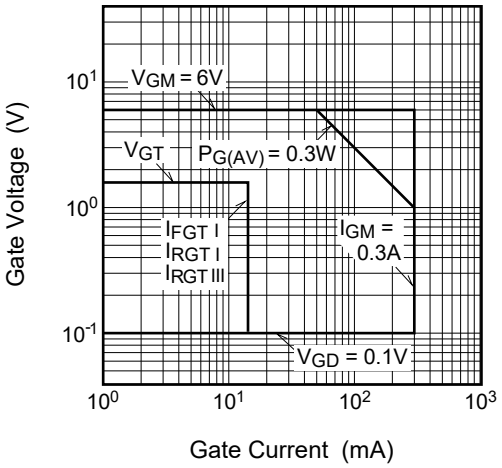
Maximum On-State Characteristics



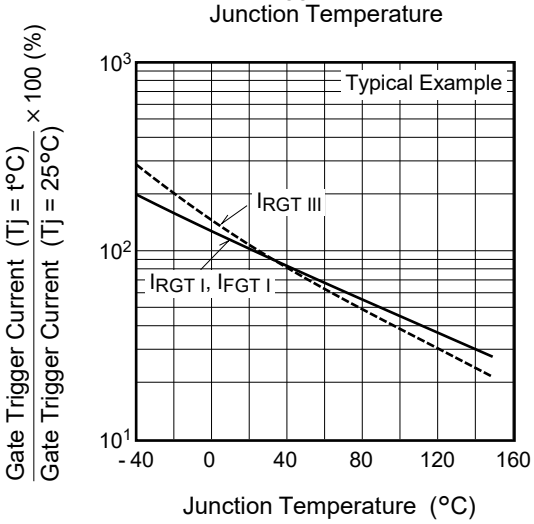

Rated Surge On-State Current



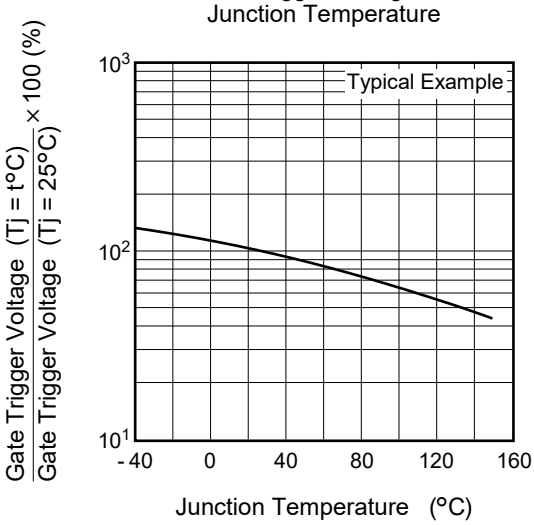

Gate Characteristics (I, II and III)



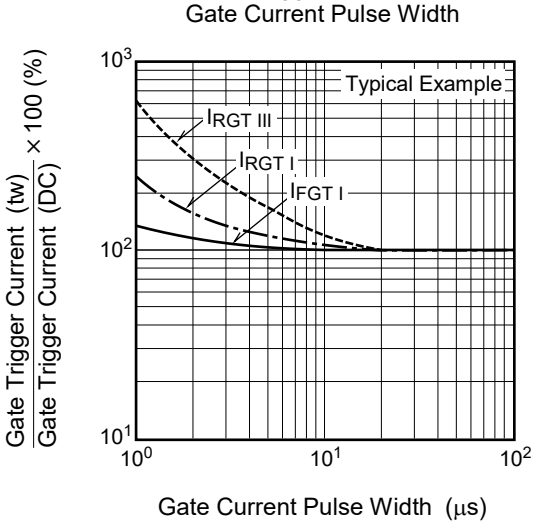

Gate Trigger Current vs. Junction Temperature



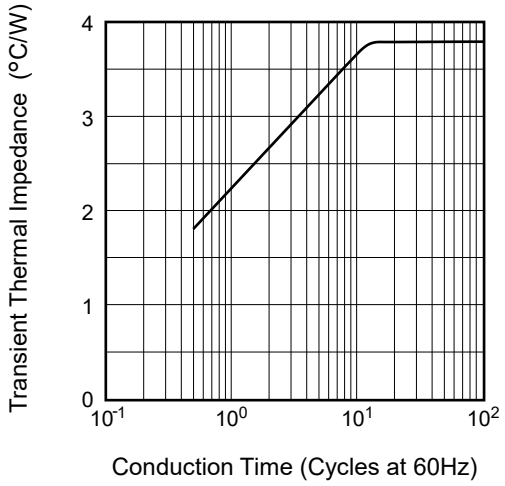

Gate Trigger Voltage vs. Junction Temperature



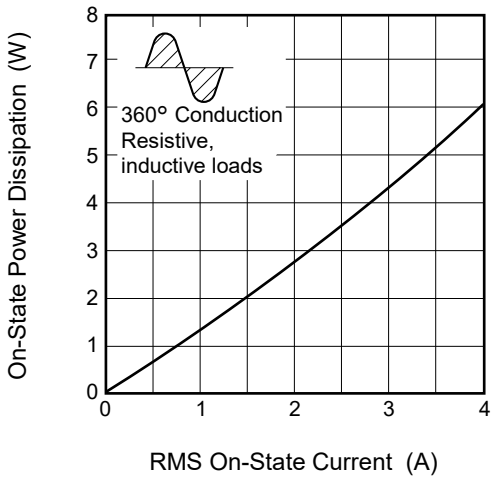

Gate Trigger Current vs. Gate Current Pulse Width



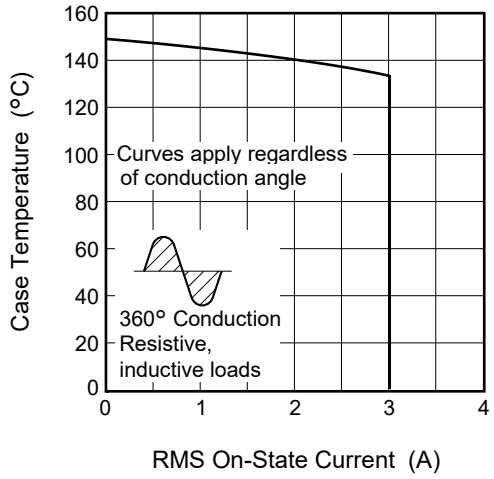
Maximum Transient Thermal Impedance Characteristics (Junction to case)



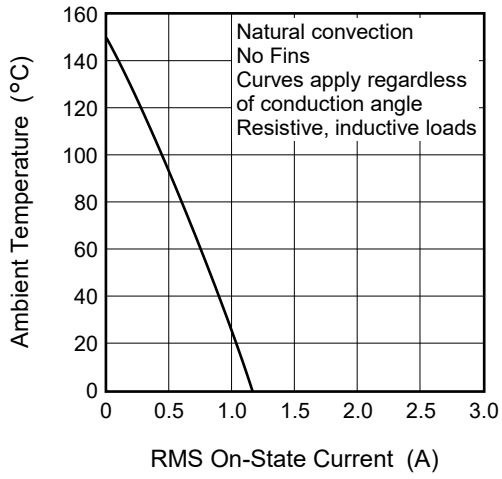

Maximum On-State Power Dissipation



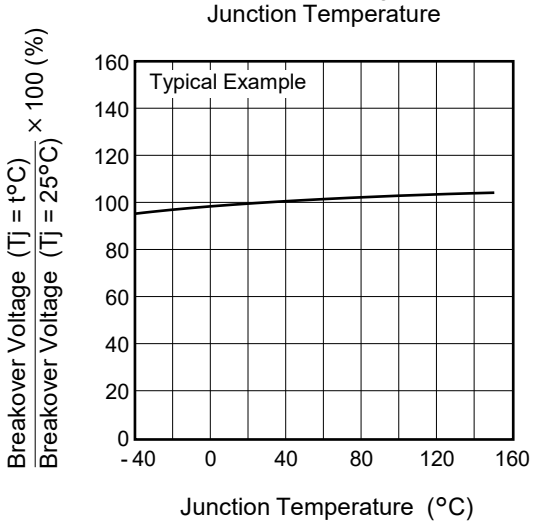

Allowable Case Temperature vs. RMS On-State Current

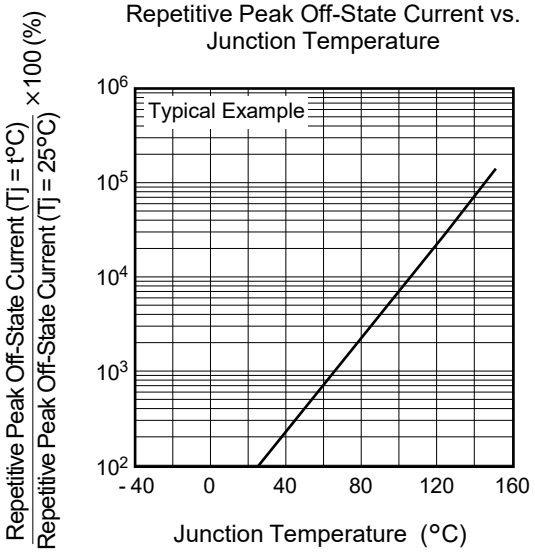



Allowable Ambient Temperature vs. RMS On-State Current




Breakover Voltage vs. Junction Temperature




Repetitive Peak Off-State Current vs. Junction Temperature