

Typical Performance Characteristics

Figure 1. On-Region Characteristics

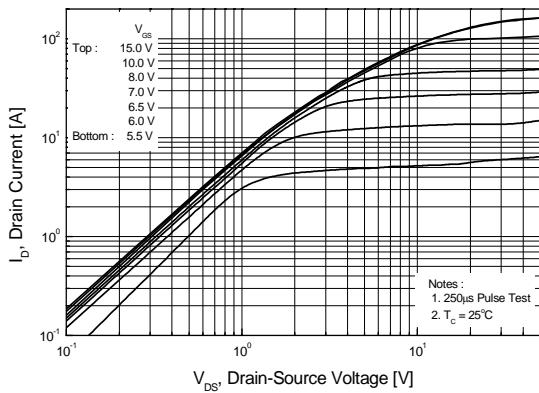


Figure 3. On-Resistance Variation vs. Drain Current and Gate Voltage

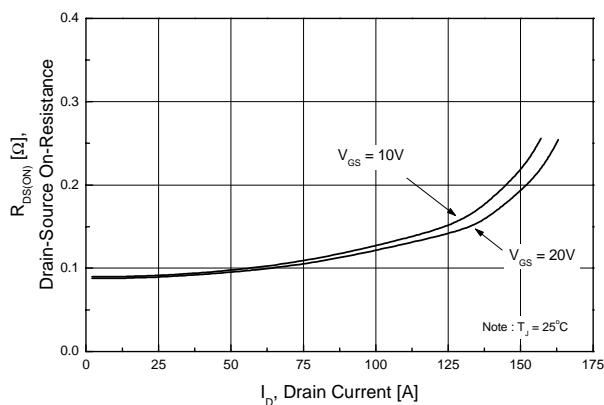


Figure 2. Transfer Characteristics

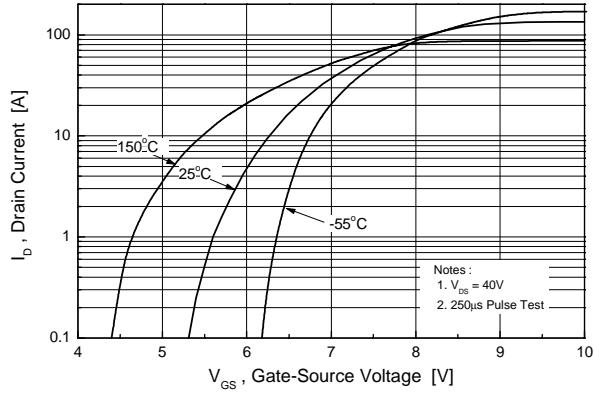


Figure 4. Body Diode Forward Voltage Variation vs. Source Current and Temperature

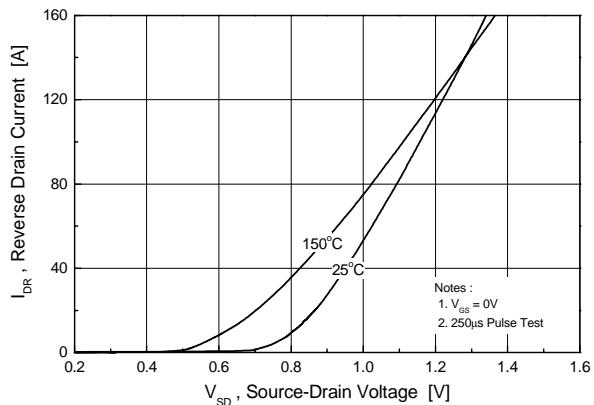


Figure 5. Capacitance Characteristics

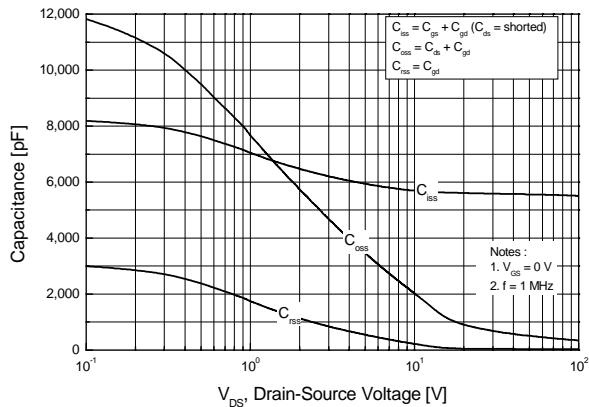
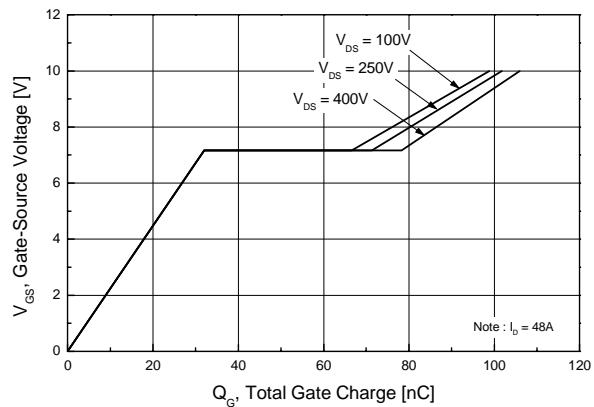


Figure 6. Gate Charge Characteristics



Typical Performance Characteristics (Continued)

Figure 13. Typical Switching Losses vs. Gate Resistance

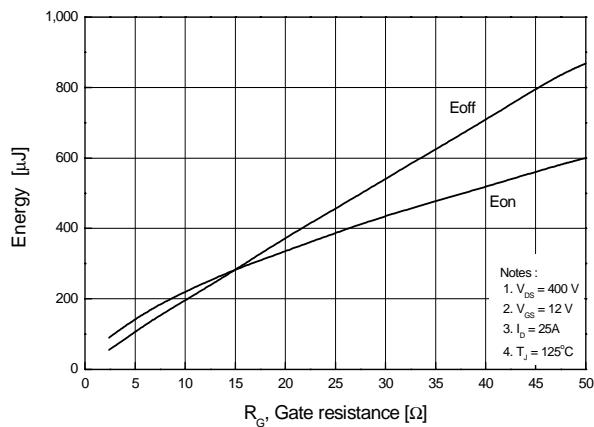


Figure 14. Unclamped Inductive Switching Capability

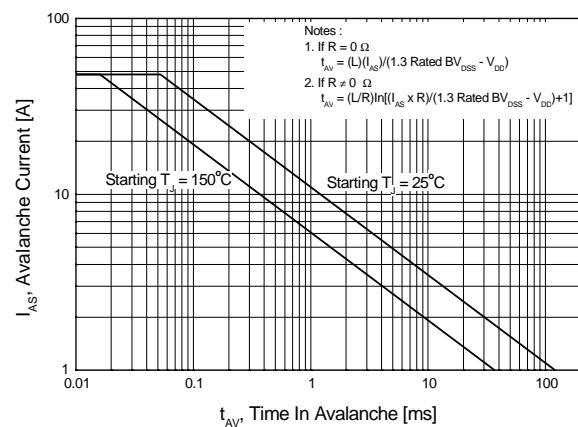
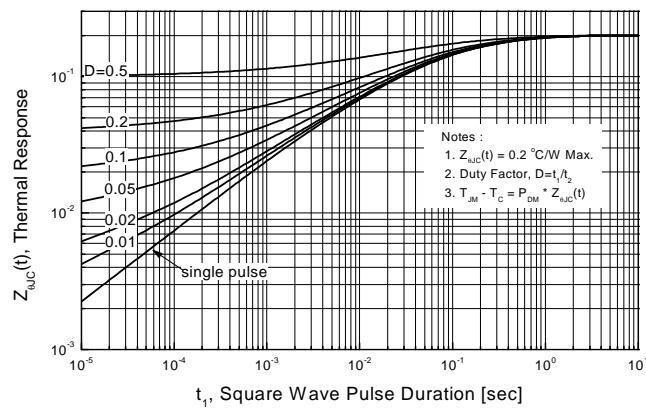
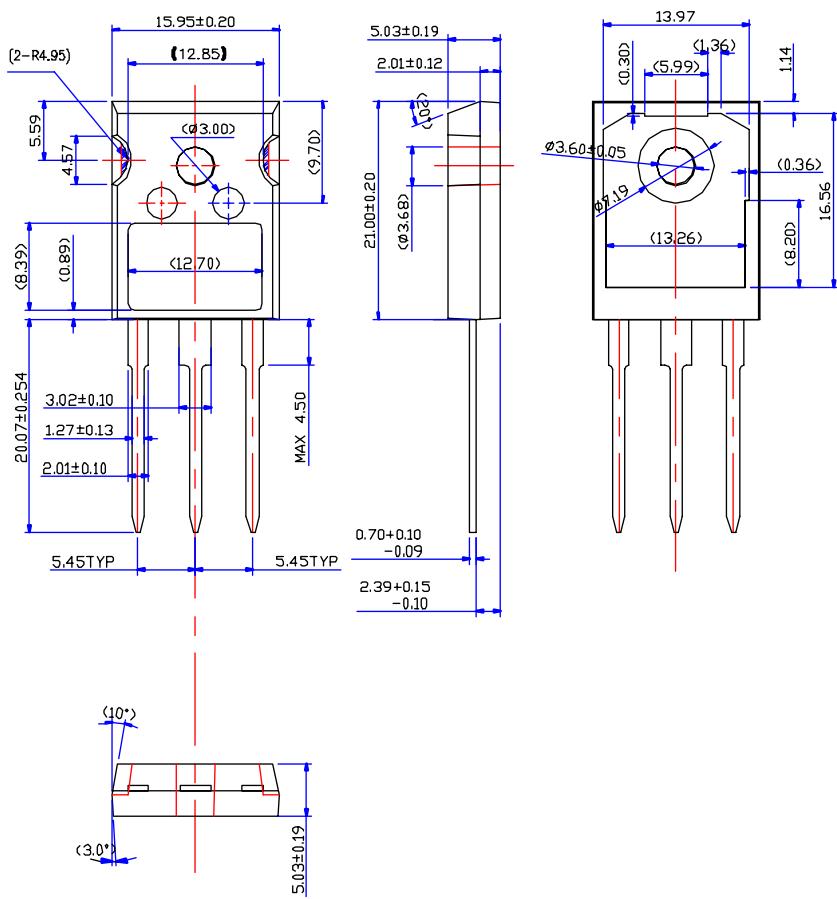


Figure 15. Transient Thermal Resistance Curve

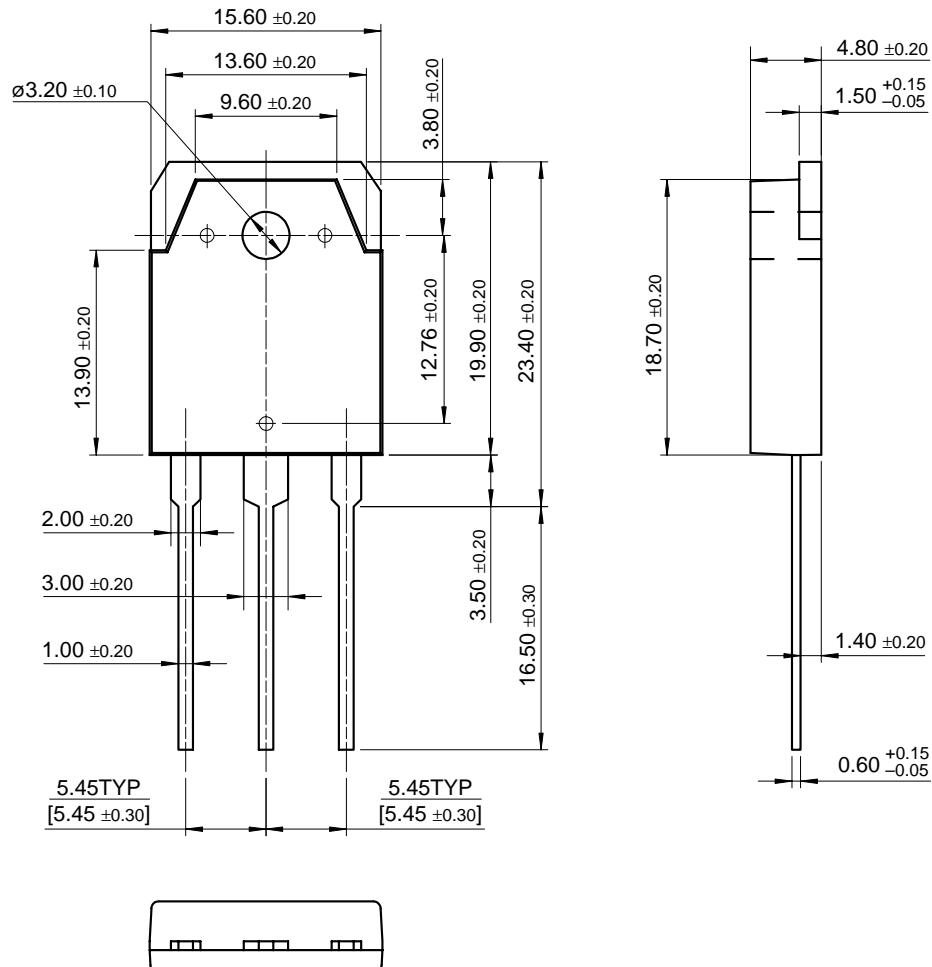


Mechanical Dimensions

TO-247AD (FKS PKG CODE 001)



Dimensions in Millimeters

Mechanical Dimensions (Continued)**TO-3P**

Dimensions in Millimeters

