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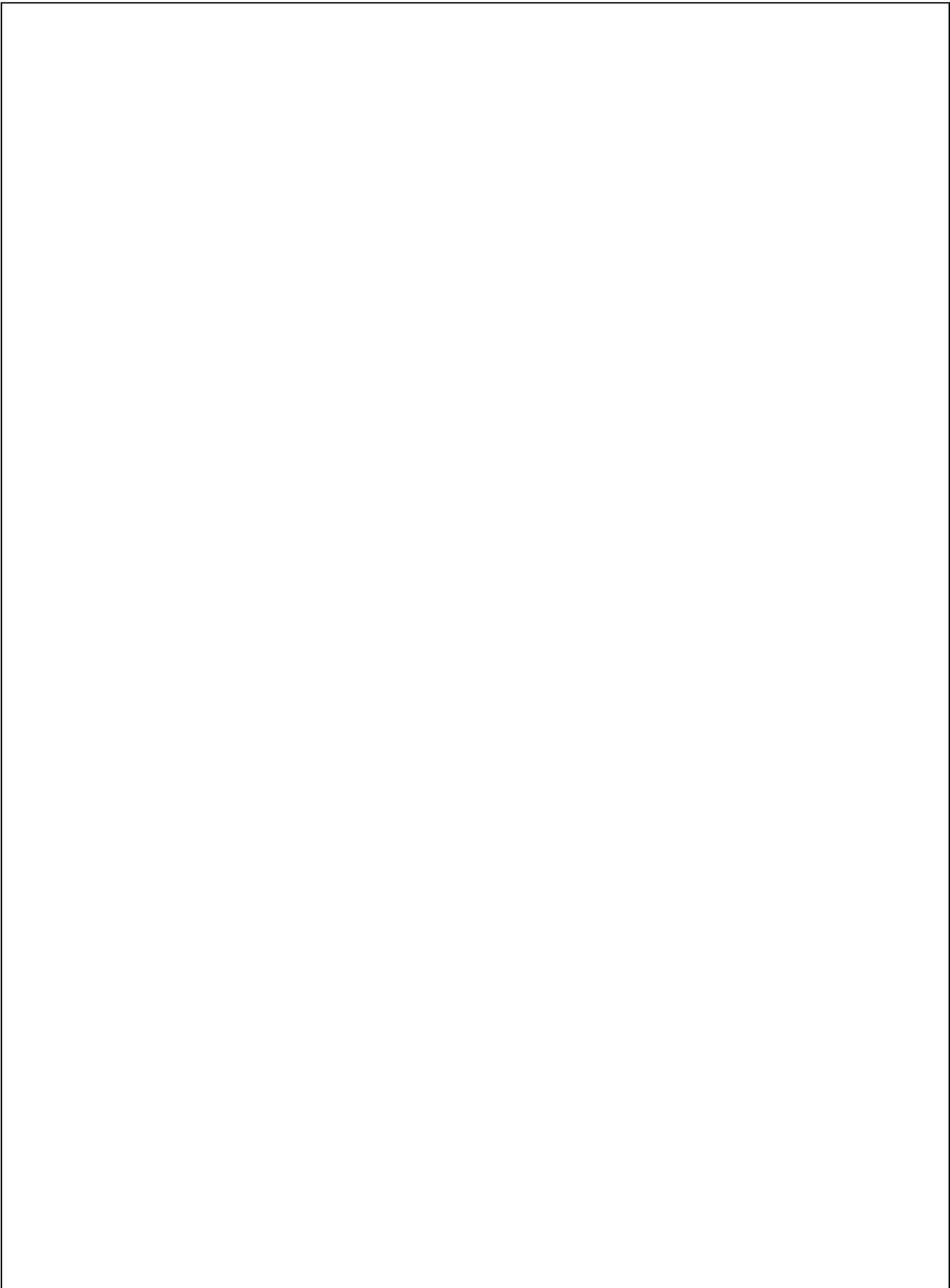


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Typical Performance Characteristics

Figure 1. Typical Output Characteristics

Figure 2. Typical Output Characteristics

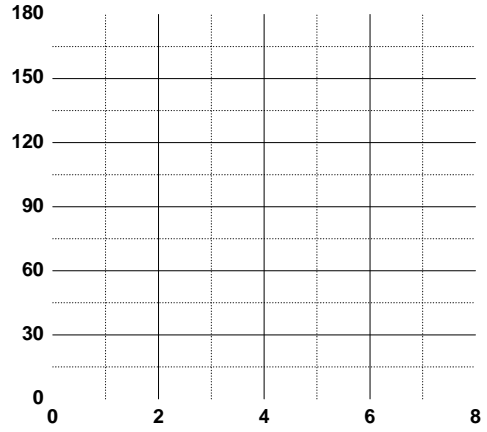


Figure 3. Typical Saturation Voltage Characteristics

Figure 4. Transfer Characteristics

Figure 5. Saturation Voltage vs. Case Temperature at Variant Current Level

Figure 6. Saturation Voltage vs. V_{GE}

Typical Performance Characteristics

Figure 7. Saturation Voltage vs. V_{GE}

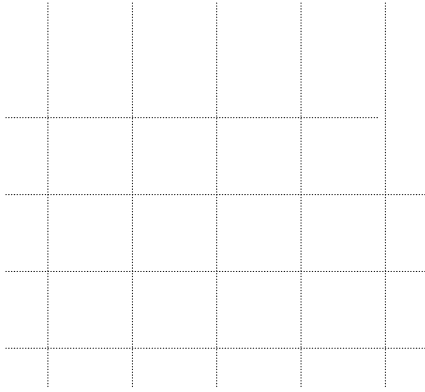


Figure 8. Capacitance Characteristics

Figure 9. Gate charge Characteristics

Figure 10. SOA Characteristics

Figure 11. Turn-on Characteristics vs.

Figure 12. Turn-off Characteristics vs. Gate Resistance

Typical Performance Characteristics

Figure 13. Turn-on Characteristics vs. Collector Current

Figure 14. Turn-off Characteristics vs. Collector Current

Figure 15. Switching Loss vs. Gate Resistance

Figure 16. Switching Loss vs. Collector Current

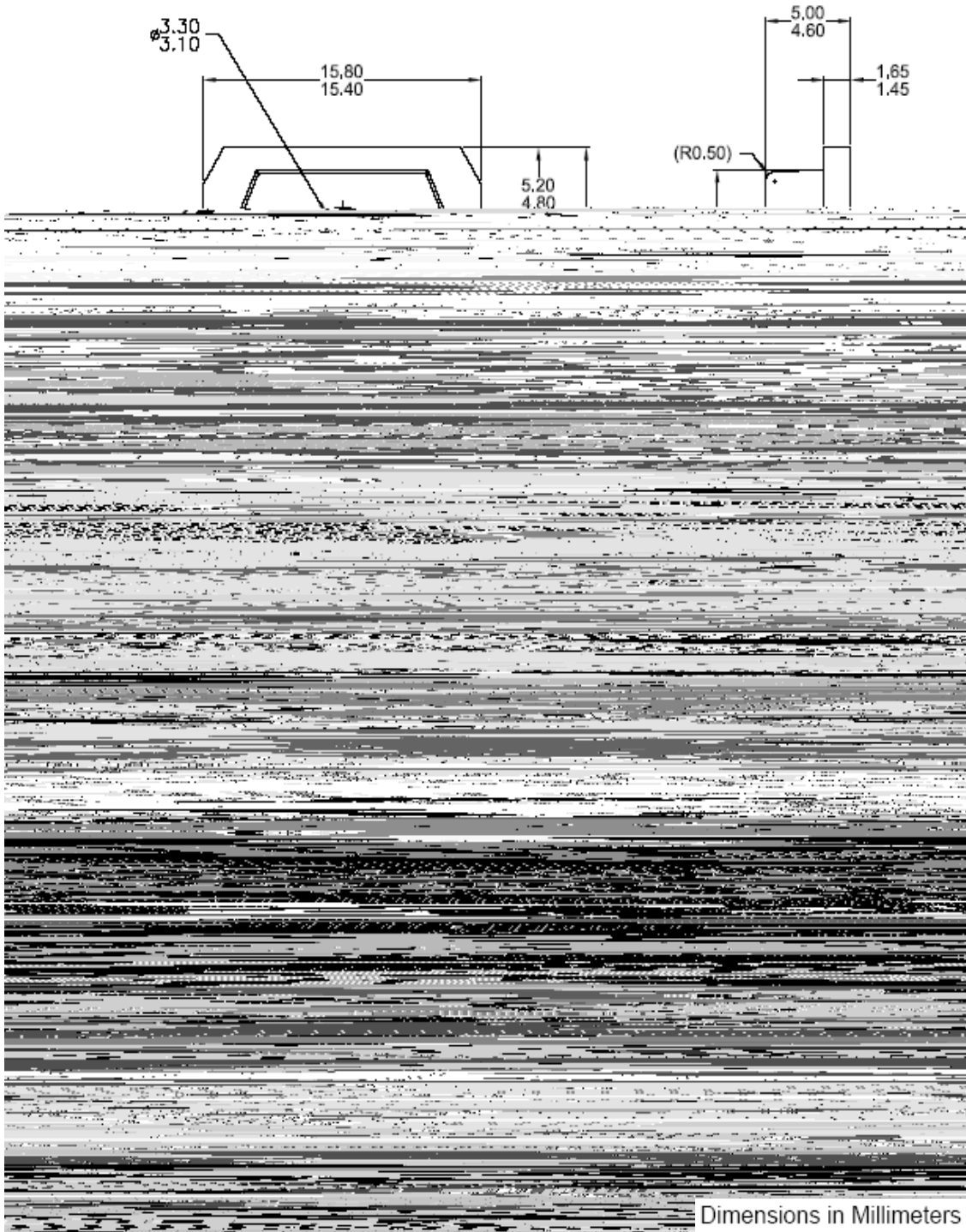
Figure 17. Turn off Switching SOA Characteristics Figure 18. Forward Characteristics

Typical Performance Characteristics

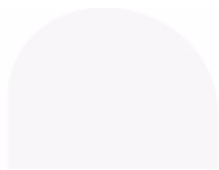
Figure 19. Reverse Current

Mechanical Dimensions

TO-3PN



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