

S C (S C)
MOSFET – E S C,
19 , 650 V, M2,
TO-247-3L
NTHL025N065SC1

Features

- Typ. R_{DS(on)} 69 cm 0 0 191.9874 75 0 TD-0Typ. R_{th(j-c)} 1.0 1e69 cm 0 0 191.70(T)6GS3.2 202.

NTHL025N065SC1

THERMAL RESISTANCE MAXIMUM RATINGS

Parameter	Symbol	Max	Unit
	θ		$^{\circ}$
	θ		

ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
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OFF CHARACTERISTICS

			$^{\circ}$			$^{\circ}$
			$^{\circ}$			μ
			$^{\circ}$			

ON CHARACTERISTICS

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ELECTRICAL CHARACTERISTICS

Parameter

Min

Typ

Max

Unit

NTHL025N065SC1

TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS

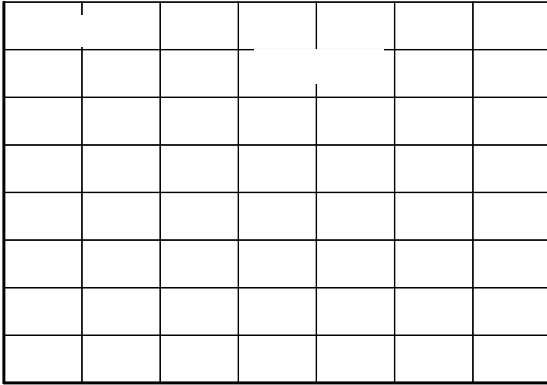


Figure 7. Gate-to-Source Voltage vs. Total Charge

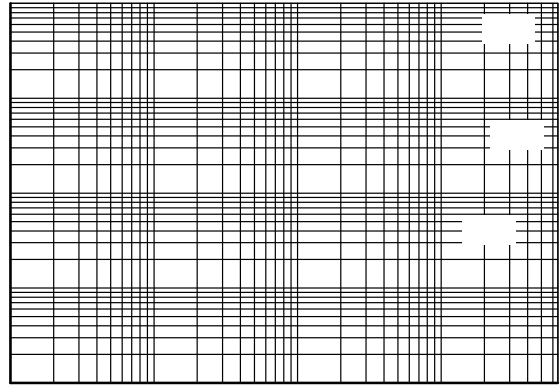


Figure 8. Capacitance vs. Drain-to-Source Voltage

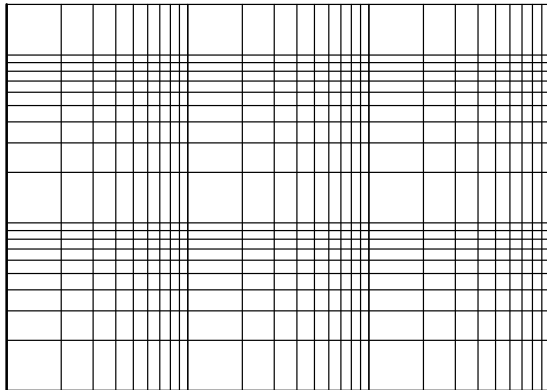


Figure 9. Unclamped Inductive Switching Capability

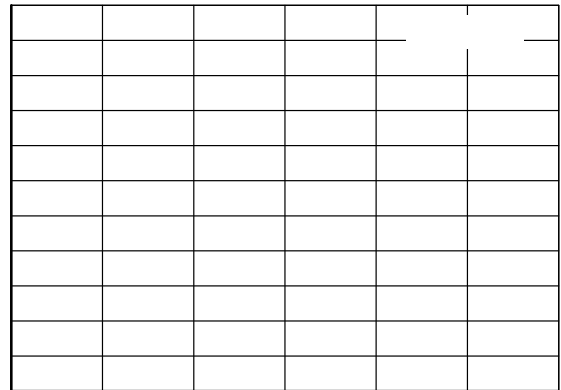


Figure 10. Maximum Continuous Drain Current vs. Case Temperature

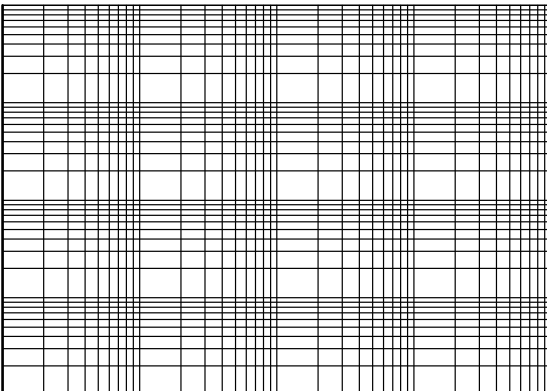


Figure 11. Safe Operating Area

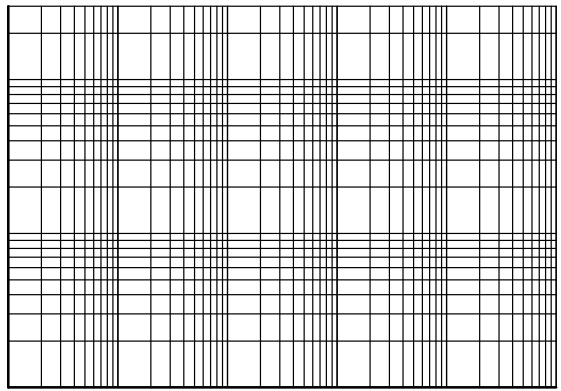


Figure 12. Single Pulse Maximum Power Dissipation

TYPICAL CHARACTERISTICS

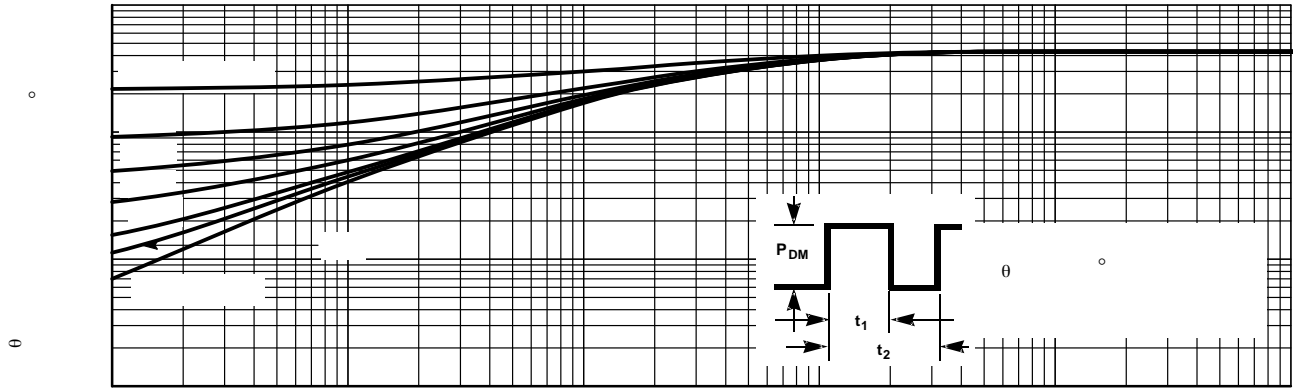


Figure 13. Junction-to-Case Thermal Response

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