

Handwritten marks and symbols at the top left of the page, including a checkmark, a dot, and some illegible characters.

Handwritten marks and symbols on the right side of the page, including a vertical line and some illegible characters.



**NXH020P120MNF1PTG, NXH020P120MNF1PG**

**NXH020P120MNF1PTG, NXH020P120MNF1PG**



TYPICAL CHARACTERISTICS

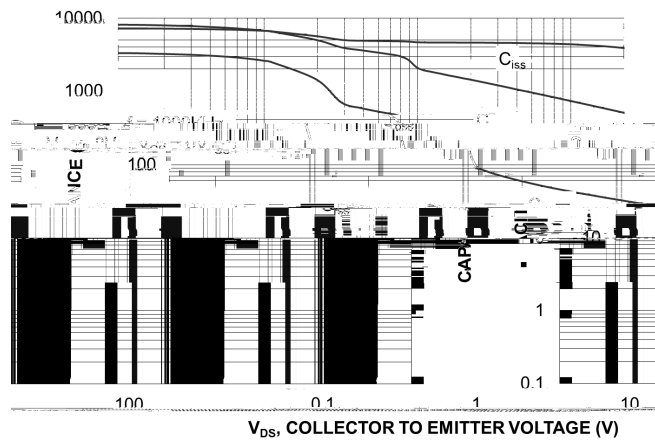
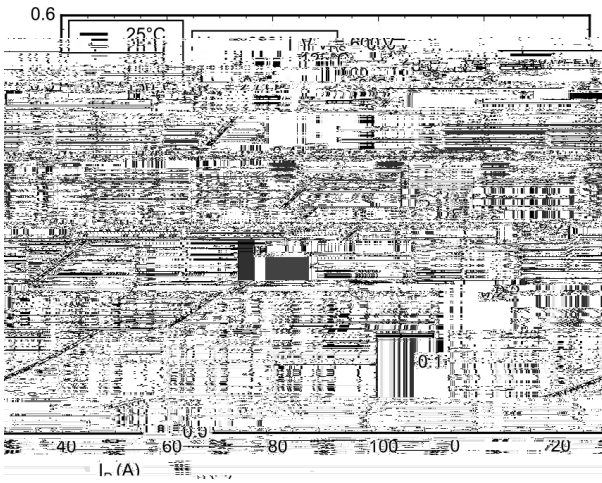


Figure 8. Capacitance vs. Drain-to-Source Voltage

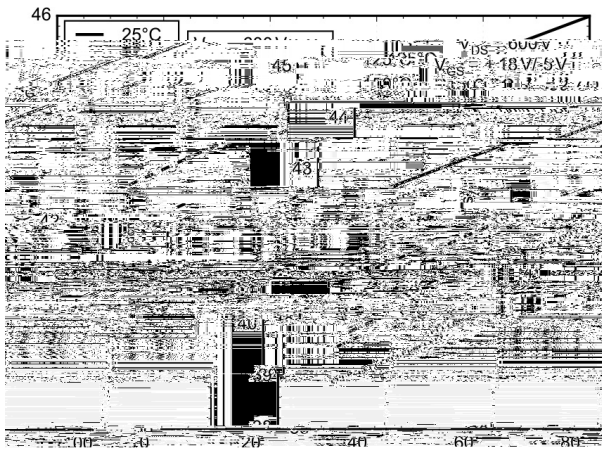
# NXH020P120MNF1PTG, NXH020P120MNF1PG

## TYPICAL CHARACTERISTICS

11 \_\_\_\_\_



0.7 \_\_\_\_\_



TYPICAL CHARACTERISTICS

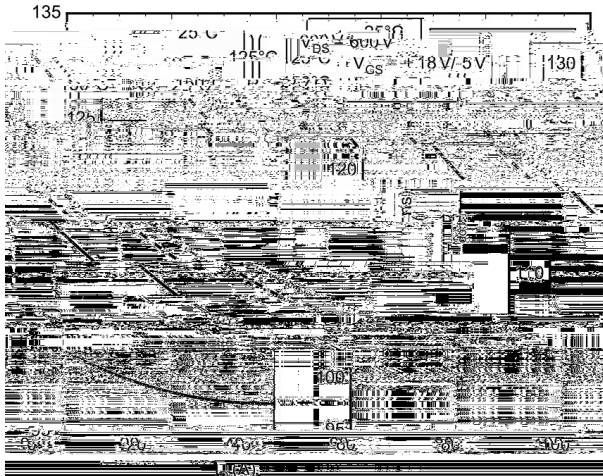


Figure 15. Typical Turn-Off Switching Tdoff vs. ID

13 \_\_\_\_\_



Figure 16. Typical Turn-Off Switching Tdoff vs.  $R_G$

19 \_\_\_\_\_

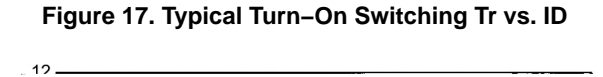


Figure 17. Typical Turn-On Switching  $T_r$  vs. ID

12 \_\_\_\_\_



Figure 18. Typical Turn-On Switching  $T_r$  vs.  $R_G$

15 \_\_\_\_\_



Figure 19. Typical Turn-Off Switching  $T_f$  vs. ID



Figure 20. Typical Turn-Off Switching  $T_f$  vs.  $R_G$



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## TYPICAL CHARACTERISTICS

5.5 \_\_\_\_\_

Figure 21. di/dt ON vs. ID

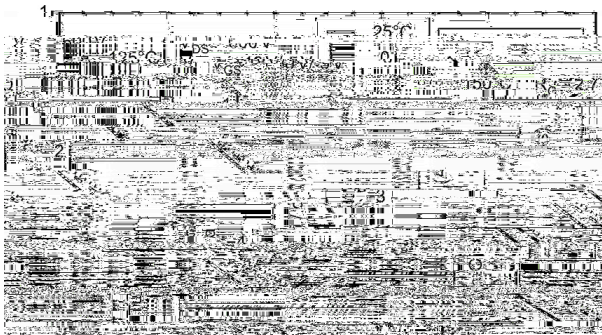


Figure 22. di/dt ON vs. R<sub>G</sub>



Figure 23. di/dt OFF vs. ID

-4.4

Figure 24. di/dt OFF vs. R<sub>G</sub>

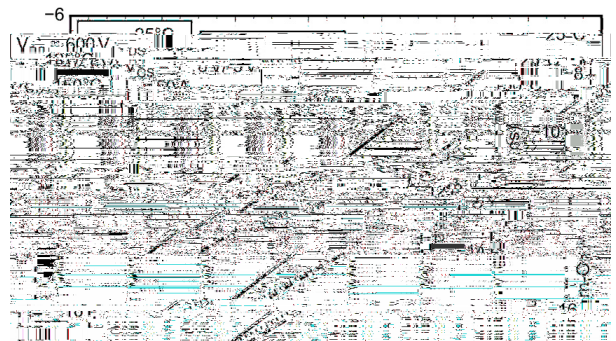


Figure 25. dv/dt ON vs. ID

Figure 26. dv/dt ON vs. R<sub>G</sub>

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**TYPICAL CHARACTERISTICS**

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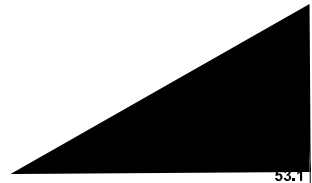
## TYPICAL CHARACTERISTICS

Figure 29. MOSFET Junction-to-

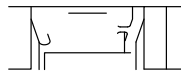
**PIM18 33.8x42.5 (PRESS FIT)**  
CASE 180BW  
ISSUE B

DATE 30 APR 2021

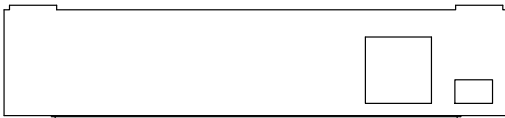
5  
17.00



53.1  
2.40



**GENERIC  
MARKING DIAGRAM\***



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