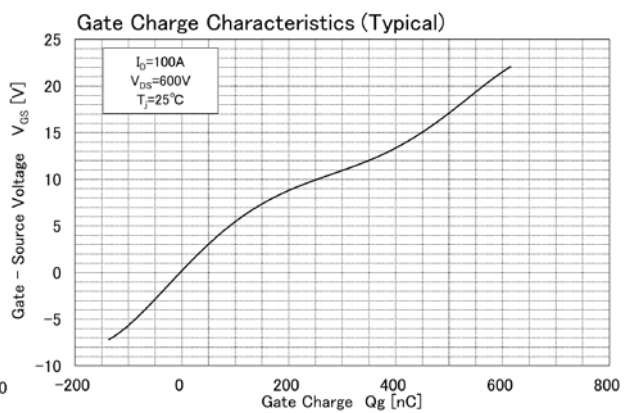
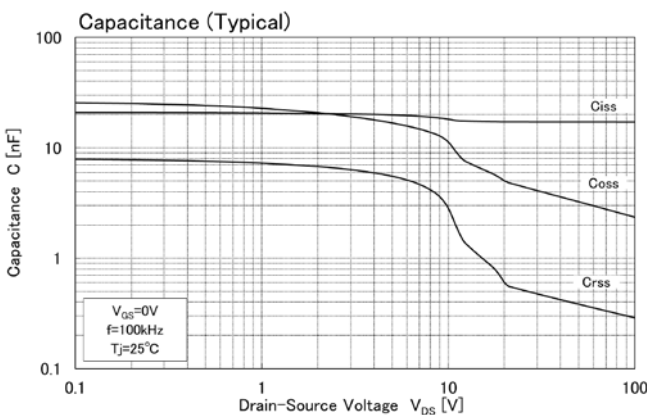
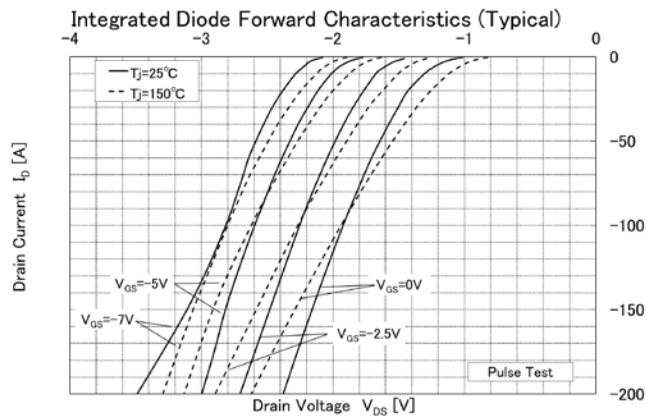
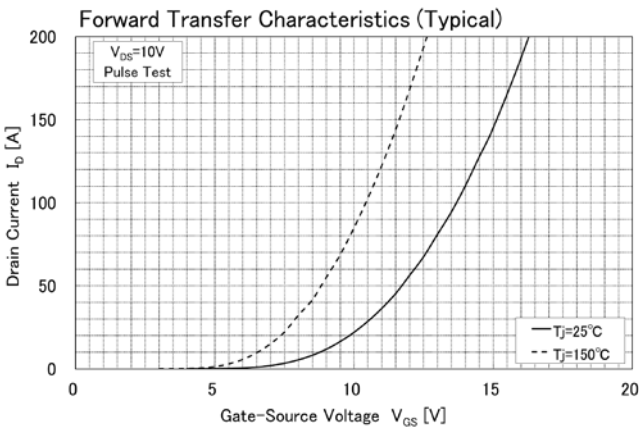
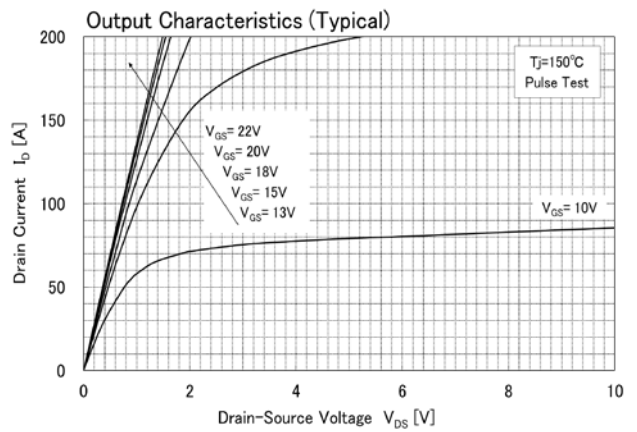
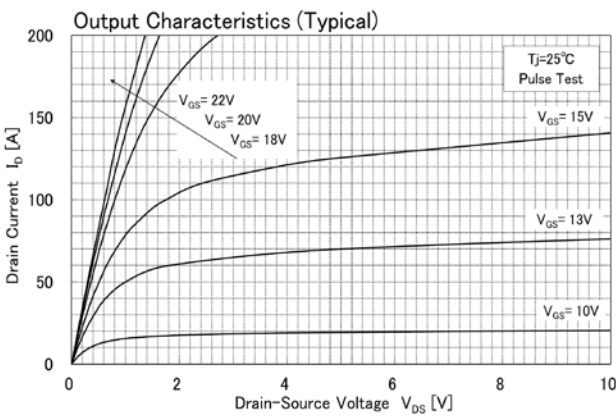
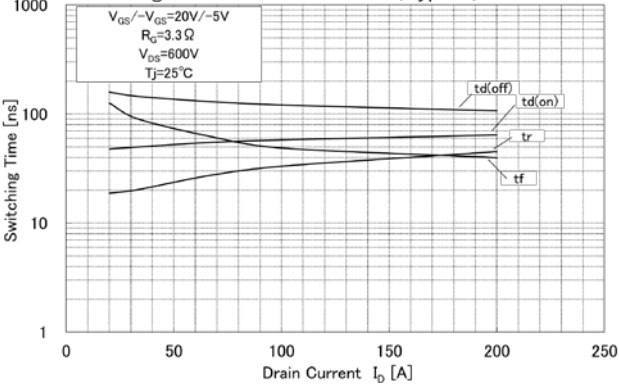


Thermal Characteristics (T_j=25°C unless otherwise specified)

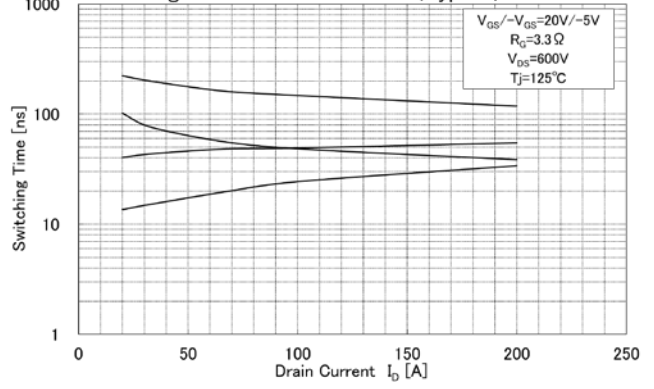
| Item | Symbol | Unit | Ratings | | | Conditions |
|------------------------------|----------------------|------|---------|------|------|--|
| | | | Min. | Typ. | Max. | |
| Thermal Resistance | R _{th(j-c)} | °C/W | | | 0.16 | Junction to case (Per Leg) |
| Interface Thermal Resistance | R _{th(c-f)} | °C/W | | 0.06 | | Case to Heat sink (Per Module) Thermal conductivity (Silicone grease) = 9 × 10 ⁻³ [W/cm·°C] |



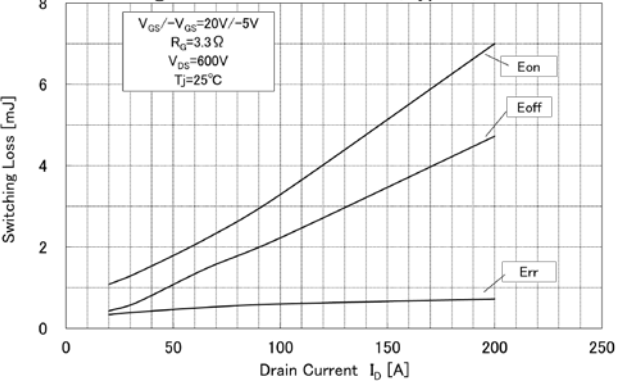
Switching Time vs. Drain Current (Typical)



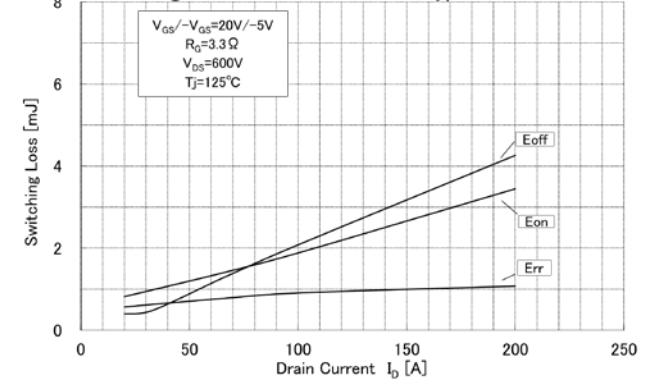
Switching Time vs. Drain Current (Typical)



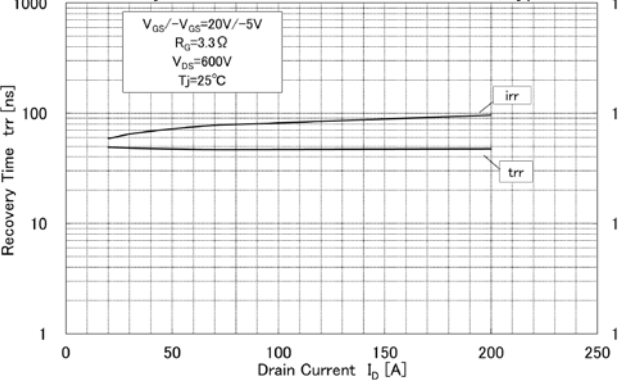
Switching Loss vs. Drain Current (Typical)



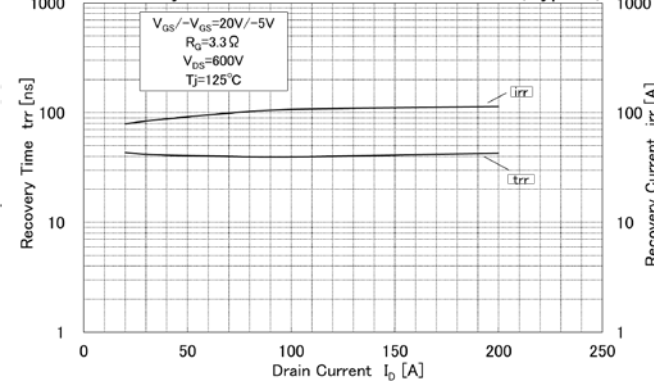
Switching Loss vs. Drain Current (Typical)



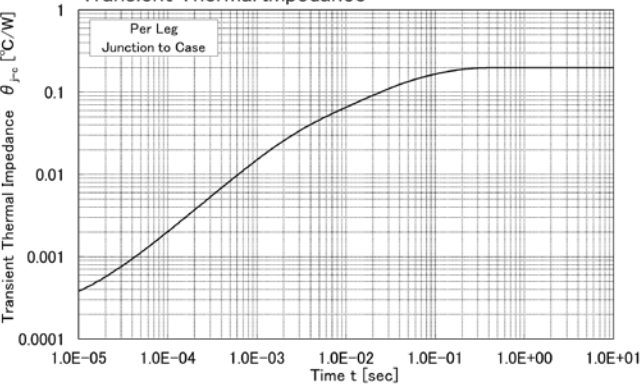
Recovery Characteristics vs. Drain Current (Typical)



Recovery Characteristics vs. Drain Current (Typical)



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[25.163.2453.0](#) [25.163.4253.0](#) [25.190.2053.0](#) [25.194.3453.0](#) [25.320.4853.1](#) [25.320.5253.1](#) [25.326.3253.1](#) [25.326.3553.1](#) [25.330.1653.1](#)
[25.330.4753.1](#) [25.330.5253.1](#) [25.334.3253.1](#) [25.334.3353.1](#) [25.350.2053.0](#) [25.352.4753.1](#) [25.522.3253.0](#) [T483C](#) [T484C](#) [T485F](#) [T485H](#)
[T512F-YEB](#) [T513F](#) [T514F](#) [T554](#) [T612FSE](#) [25.161.3453.0](#) [25.179.2253.0](#) [25.194.3253.0](#) [25.325.1253.1](#) [25.326.4253.1](#) [25.330.0953.1](#)
[25.332.4353.1](#) [25.350.1653.0](#) [25.350.2453.0](#) [25.352.1453.0](#) [25.352.1653.0](#) [25.352.2453.0](#) [25.352.5453.1](#) [25.522.3353.0](#) [25.602.4053.0](#)
[25.640.5053.0](#)