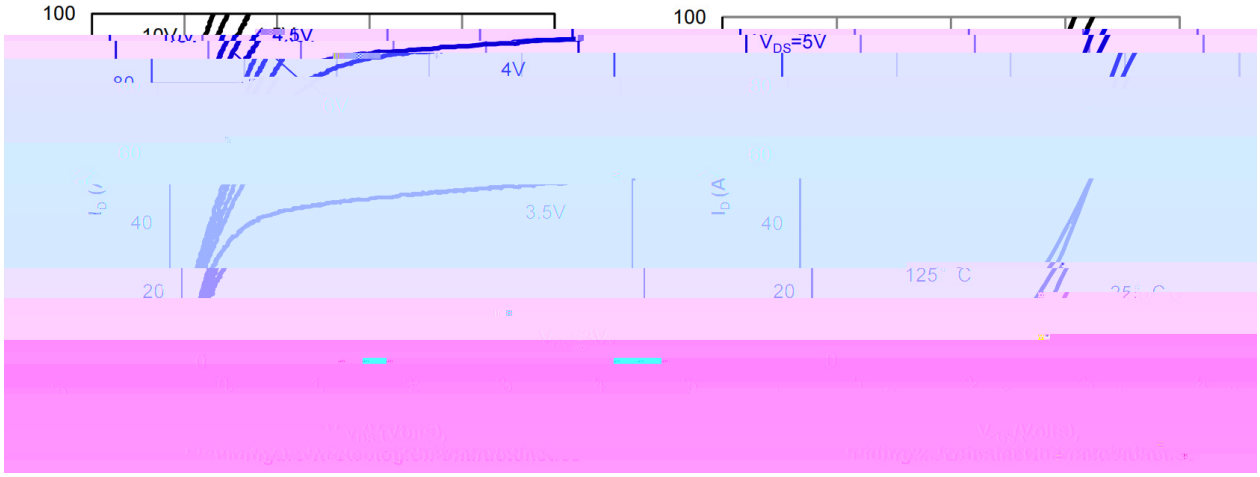
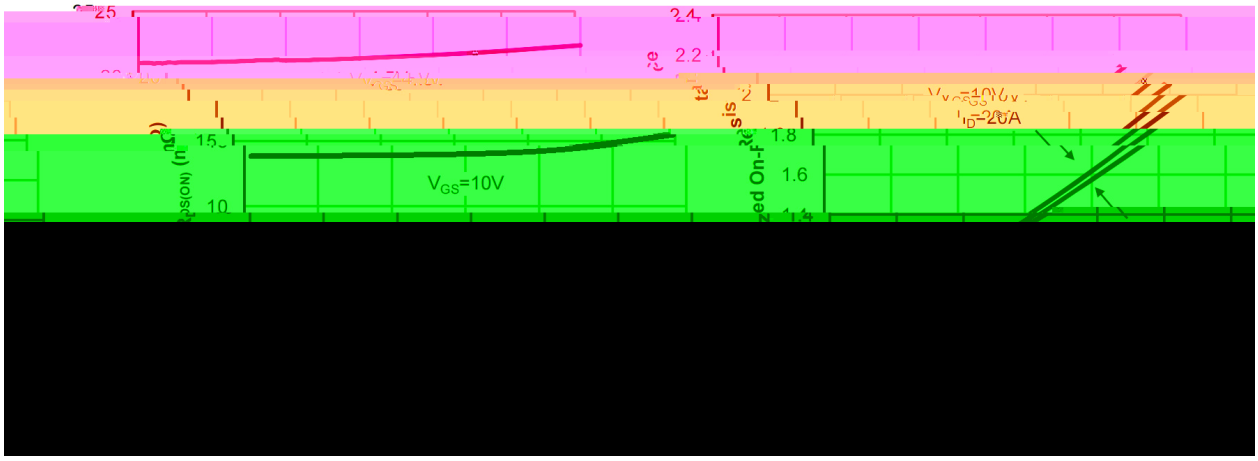
TO-263 ḾḾ Ḅ N ɔ̌ ʃ ᷉ ᷉ Ẓ ᷉
N-CHANNEL MOSFET in a TO-263 Plastic Package.

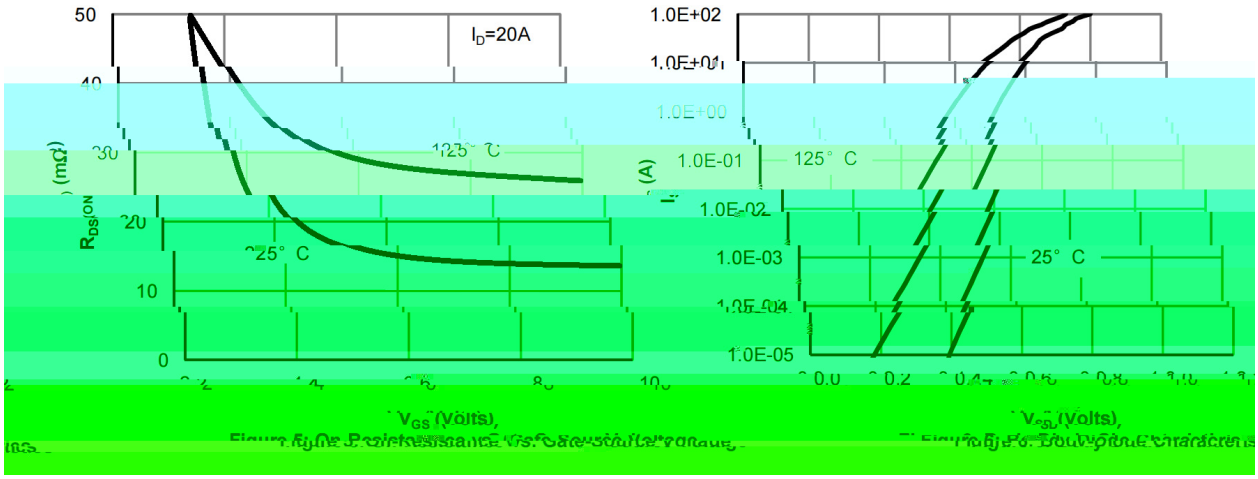
$V_{DS}$=100V ; $I_D$=46A
$R_{DSON}$@10V≤15mΩ(Type.14.8mΩ)
$R_{DSON}$@4.5V≤25mΩ(Type.20.4mΩ)
ɲ ꜰ ᵝ HF Product.

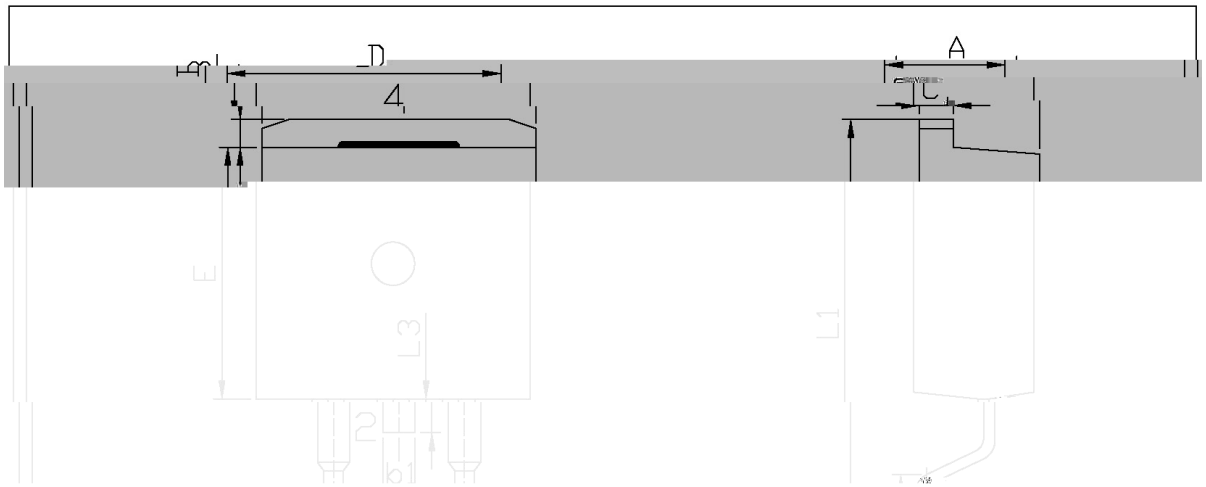
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| v Ѽ<br>Parameter | ϒ N<br>Symbol | ⊥ ⁝ ϯ<br>Test Conditions | ѽ ṇ Ө<br>Min | Ɛ ȝ Ө<br>Typ | ѽ ᶻ Ө<br>Max | ᴅ Ꮒ<br>Unit |
|---|---|---|---|---|---|---|
| Turn-On Delay Time | $t_{d(on)}$ | $V_{GS}$=10V $V_{DS}$=50V<br>$R_L$=2.5Ω $R_{GEN}$=3Ω | | 7 | | ns |
| Turn-On Rise Time | $t_r$ | | | 3 | | |
| Turn-Off Delay Time | $t_{d(off)}$ | | | 27 | | |
| Turn-Off Fall Time | $t_f$ | | | 4 | | |


100
4.5V
4V
3.5V
$V_{DS}$=5V
125° C
25° C
40
20

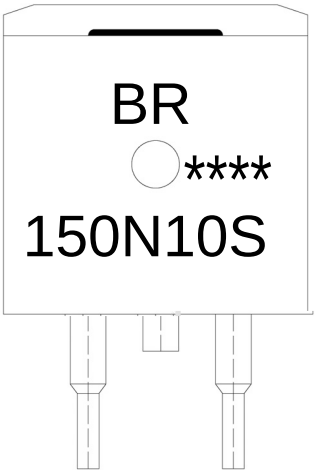

$V_{GS}$=10V
$I_D$=20A
15
10
1.8
1.6


$I_D$=20A
125° C
25° C
50
40
30
20
10
0
1.0E+02
1.0E+01
1.0E+00
1.0E-01
1.0E-02
1.0E-03
1.0E-04
1.0E-05
$V_{GS}$(Volts),




| | Max | | Min | Max | | Min |
|---|---|---|---|---|---|---|
| | 9.40 | A | 4.30 | 4.70 | E | 9.00 |
| | 2.74 | B | 1.00 | 1.40 | e1 | 2.34 |
| | | | | | | |
| 15.00 | 16.00 | b1 | 1.15 | 1.35 | L1 | |
| | 2.84 | | | | | |
| 1.20 | 1.60 | C | 1.20 | 1.40 | L3 | |
| | | | | | | |

TO-263




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|---|---|
| ͡ ˝ χ | |
| EU χ | ѭ ϗ ᴎ Ꮁ |
| 483Q43V χ | ѭ ϳ ᴺ Ꮁ |
| ---- χ | ѭ ɨ ғ ӈ ᴺ Ꮁ ɪ ҿ ɨ ғ ӈ ᴺ Ψ ᖘ |
| Note: | |
| BR: | Company Code |
| 150N10S: | Product Type |
| ****: | Lot No. Code, code change with Lot No |