

# BRCS035N03DP

DATA SHEET

## 5 é / Descriptions

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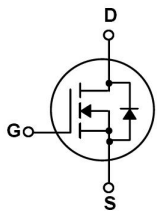
## α<sup>a</sup> / Features

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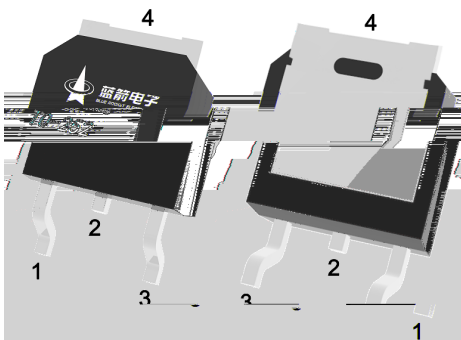
## Đ ÷ / Applications

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## Ä W] Ô . / Equivalent Circuit



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## , M V / Marking

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**Ã a ? d / Absolute Maximum Ratings(Ta=25 ; )**

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**Ô4i x ? d / Electrical Characteristics(Ta=25 ; )**

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Electrical Characteristic Curve

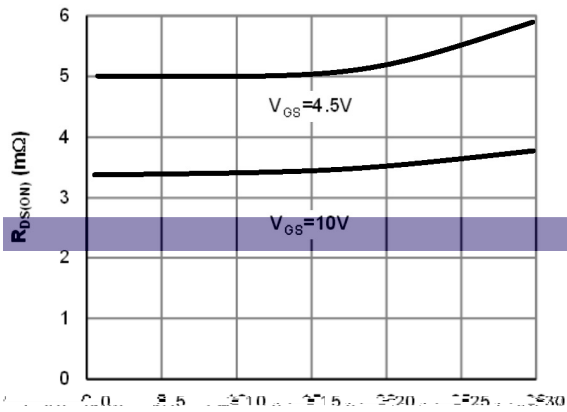
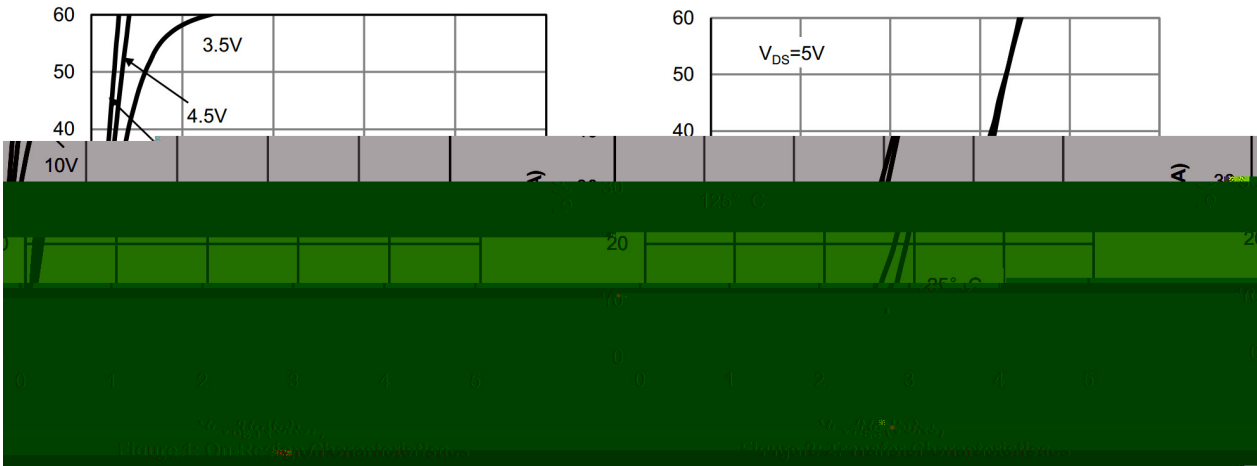


Figure 4: On-Resistance vs. Junction Temperature

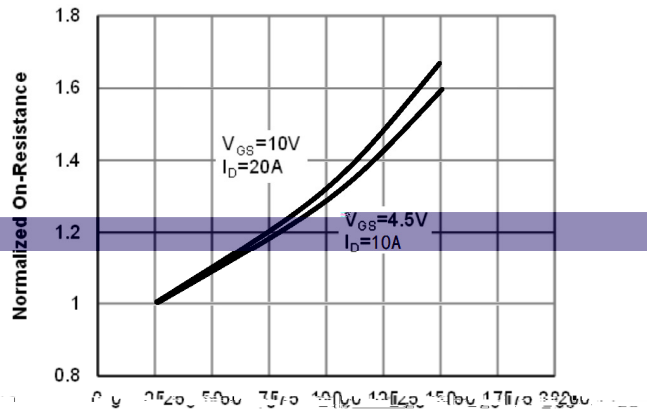


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

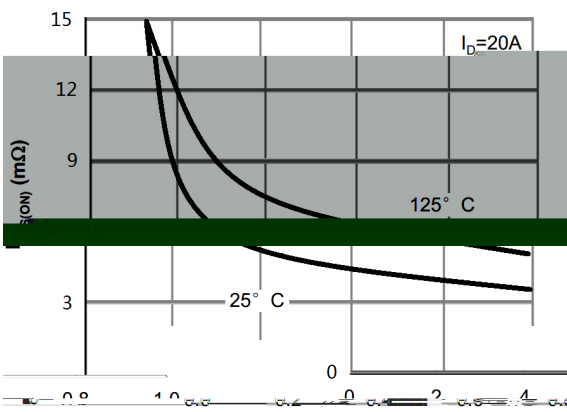


Figure 2: On-Resistance vs. Drain-Source Voltage

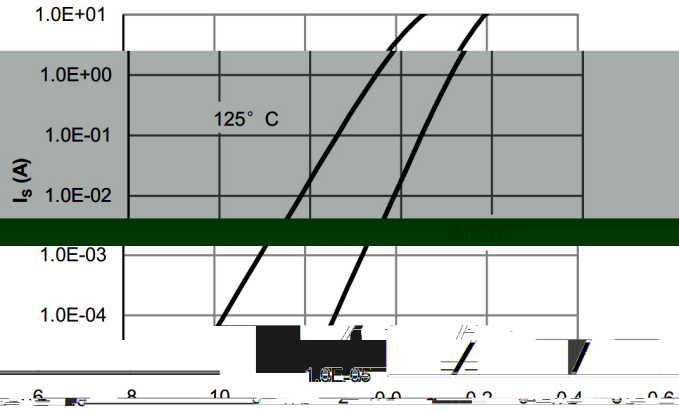


Figure 5: On-Resistance vs. Gate Voltage

Electrical Characteristic Curve

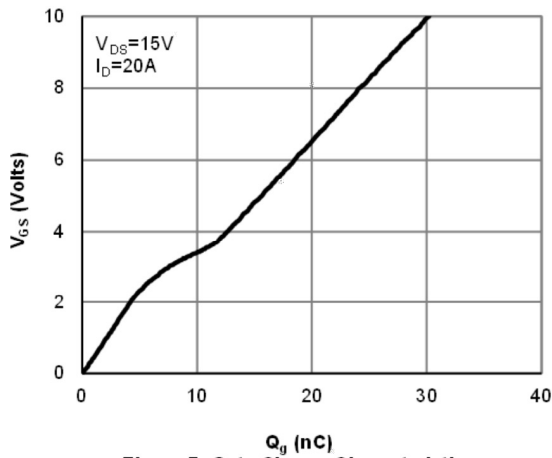


Figure 7: Gate-Charge Characteristics

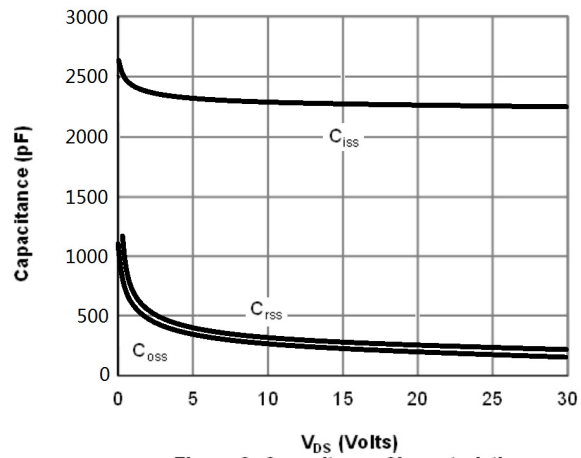


Figure 8: Capacitance Characteristics

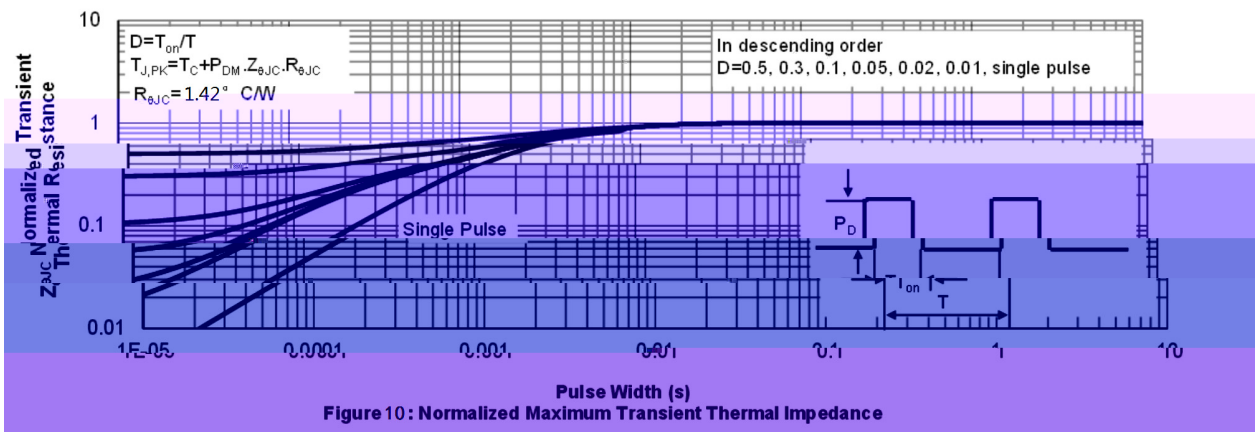
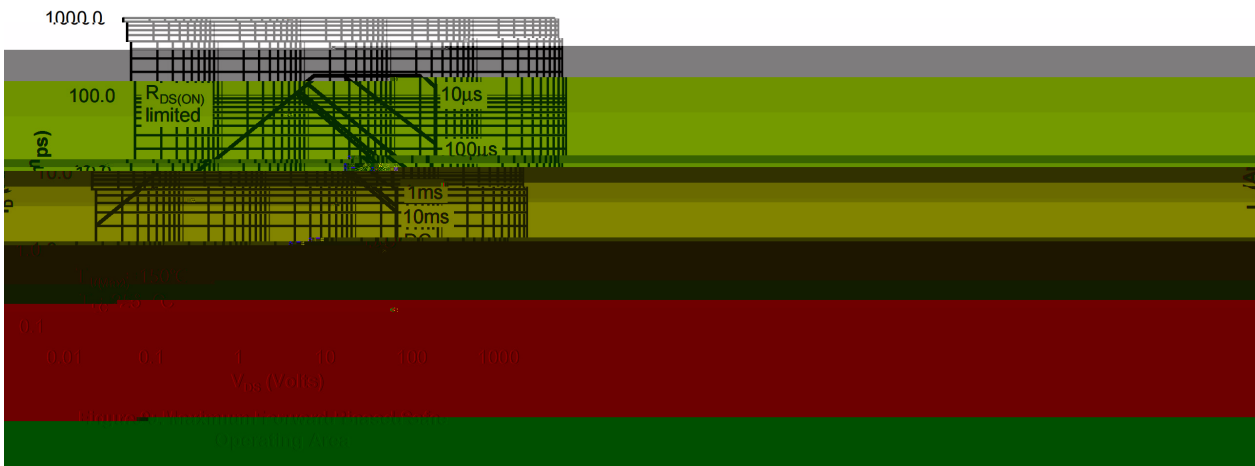
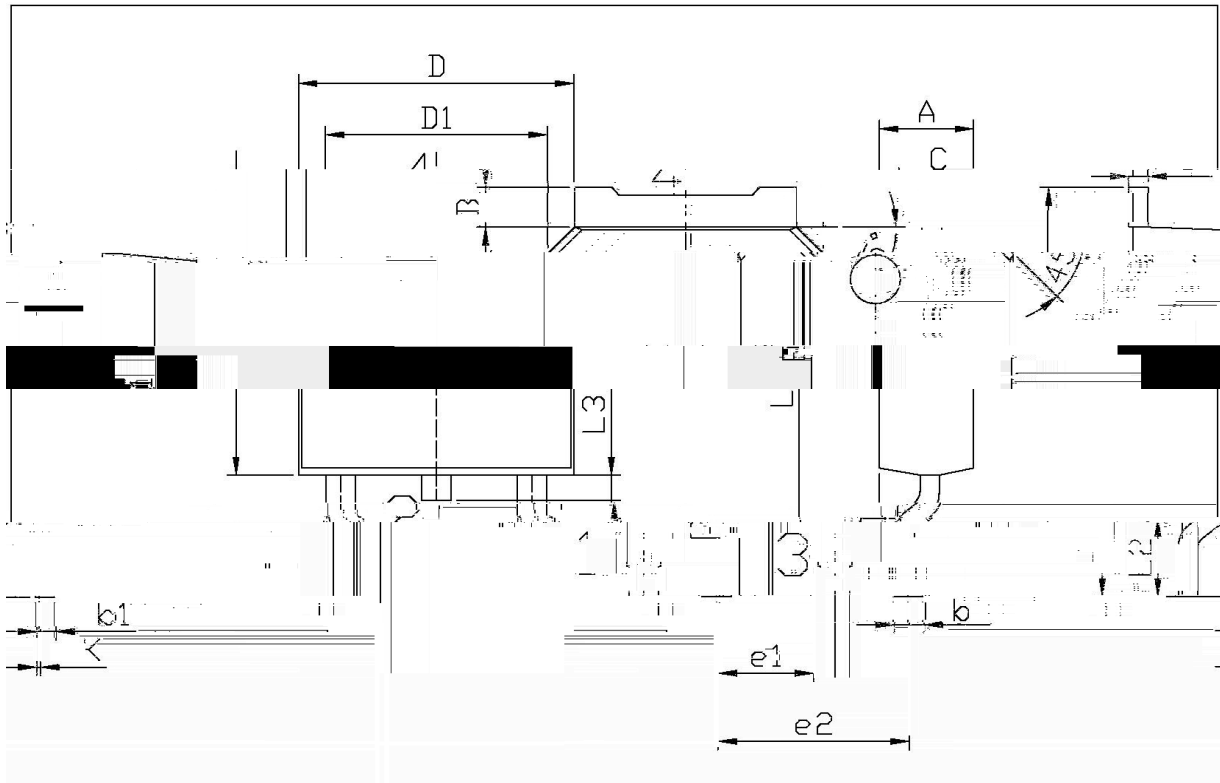


Figure 10: Normalized Maximum Transient Thermal Impedance

∅ □ = ) ∅ / Package Dimensions

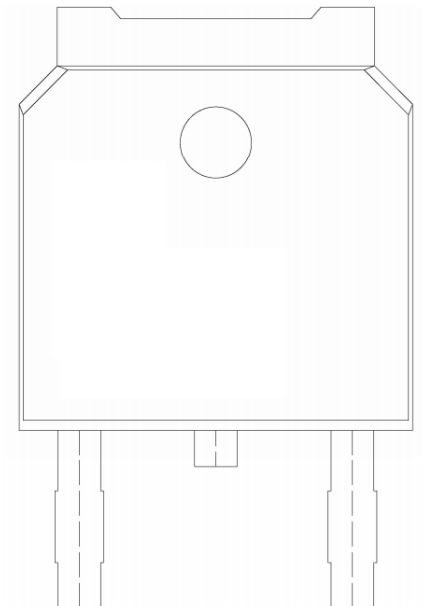


单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	2.40	2.90	B	5.95	6.25
e1	2.24	2.34	B	0.4	0.5
e2	4.73	4.73	D	9.85	10.35
L3	0.45	0.55	K	1.70	2.00
D	6.45	6.75	L3	0.60	0.90
D1	5.10	5.50	K	0.40	0.10

TO-252

, M y f / Marking Instructions



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