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SiC™ 12 con Carb ver MOSFET G2

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Benefits

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Applications

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Key performa n t Š Š ɜ

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Features 1

Benefits ..... t a e e

1 Maximum ratings

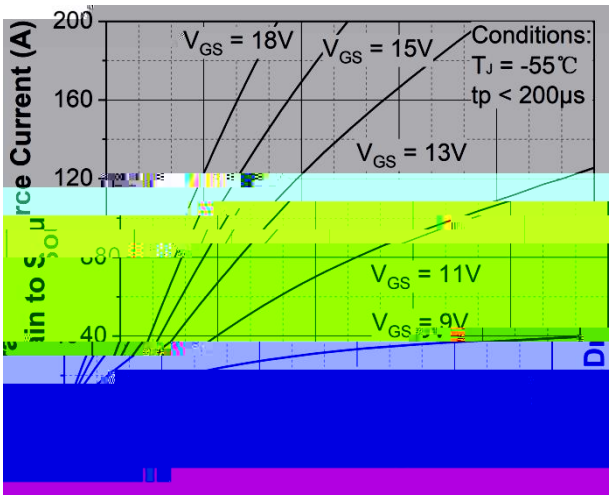
Table 2 Maximum rating

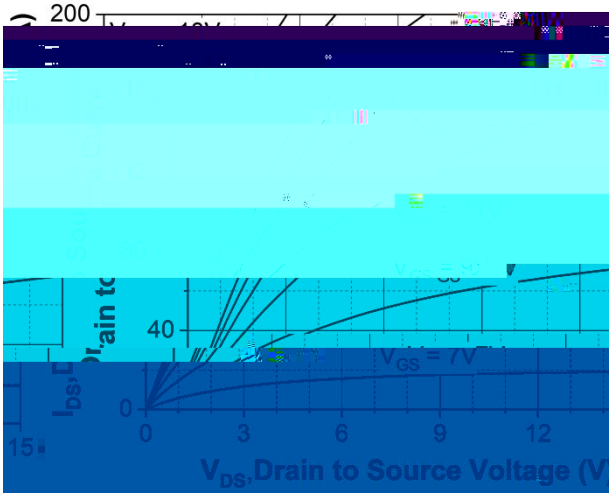
Symbol	Parameter	Value	Unit	Test Conditions	Note
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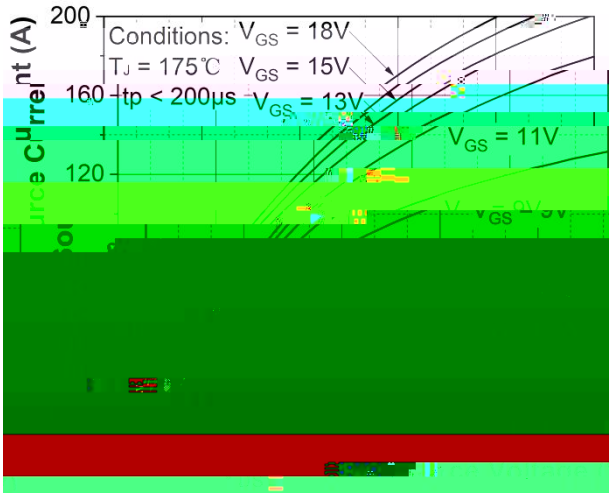
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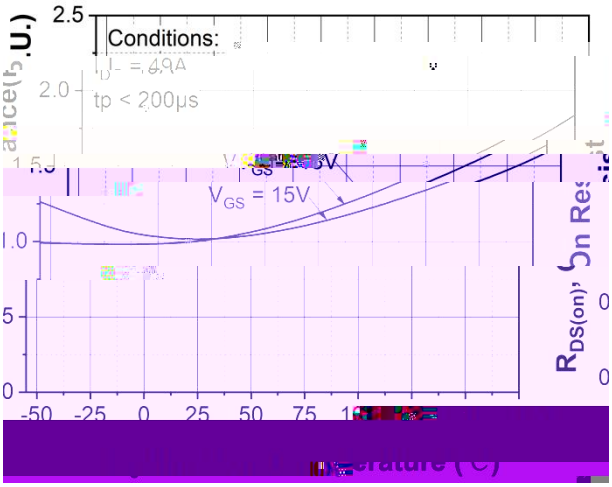
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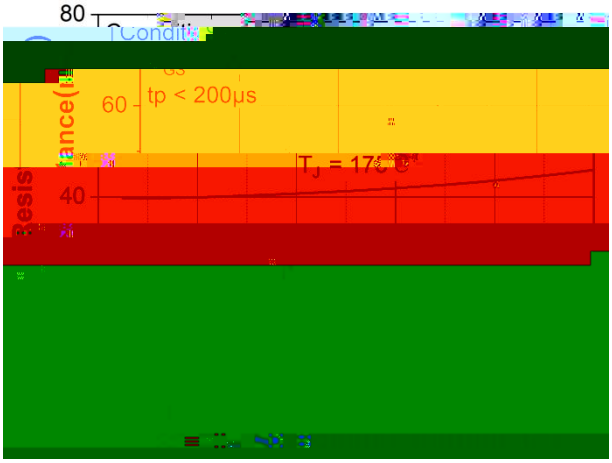
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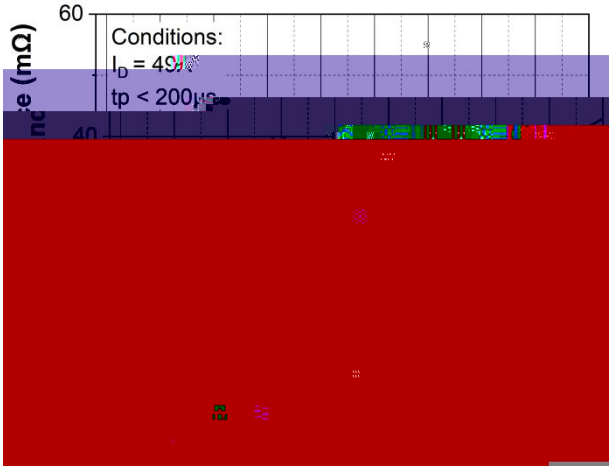




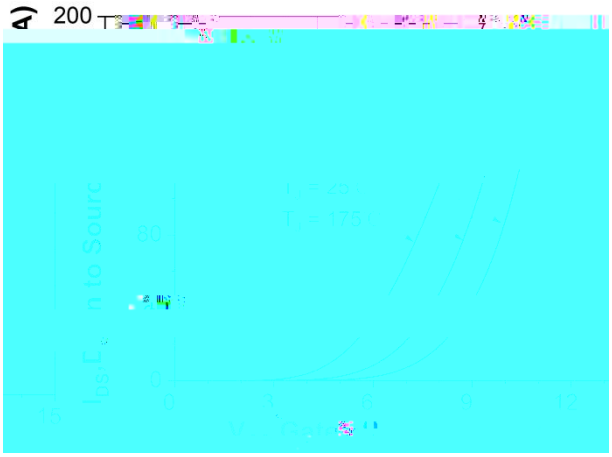


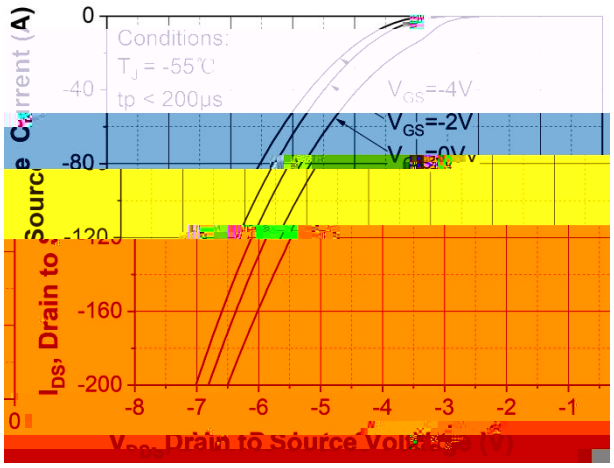


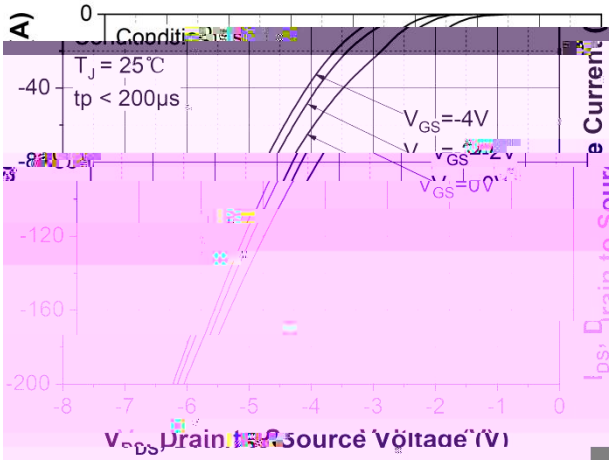


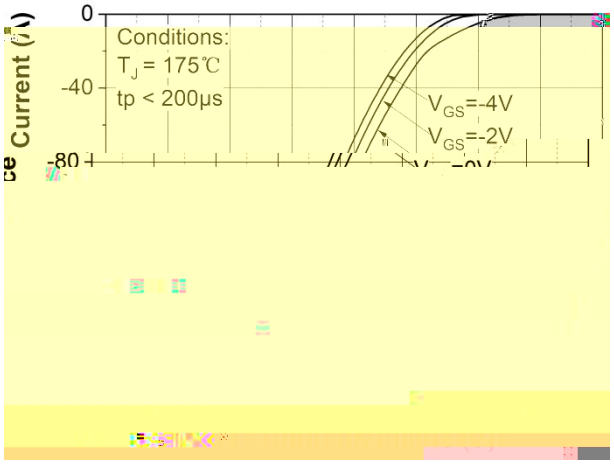


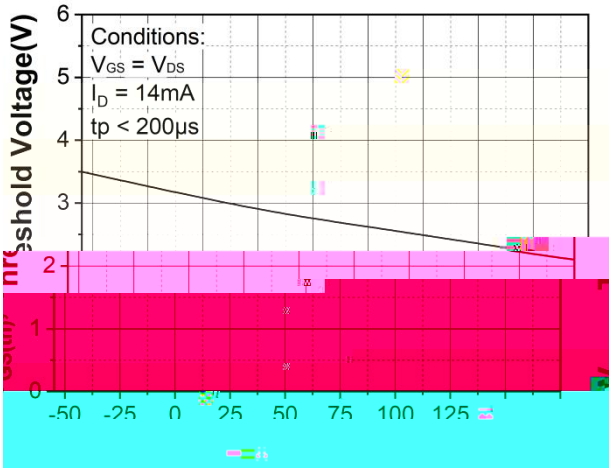
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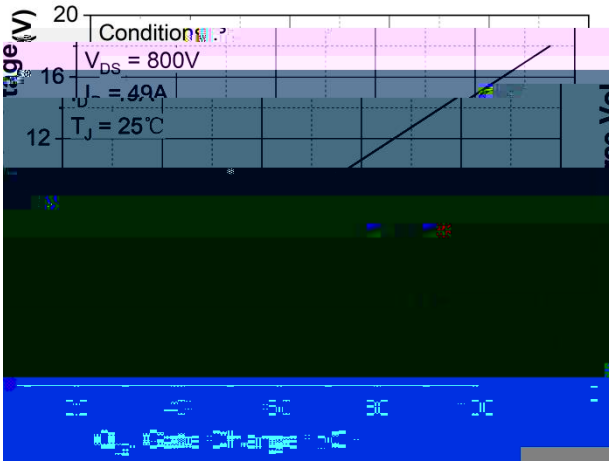




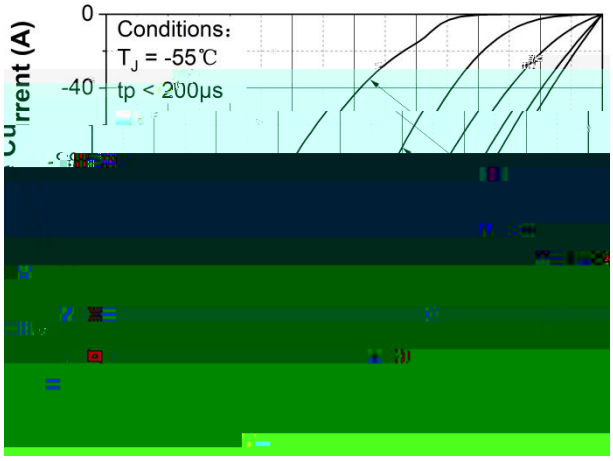


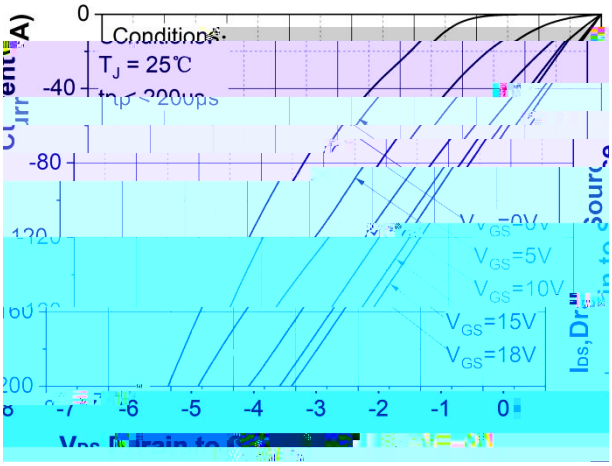


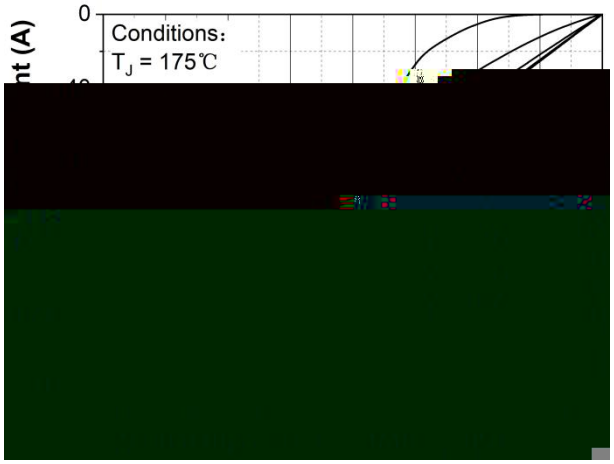


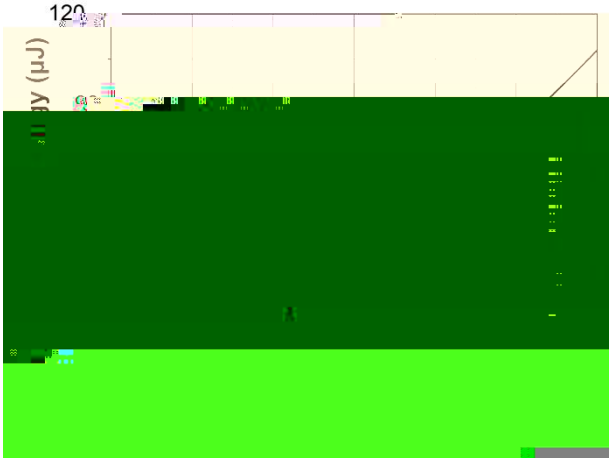


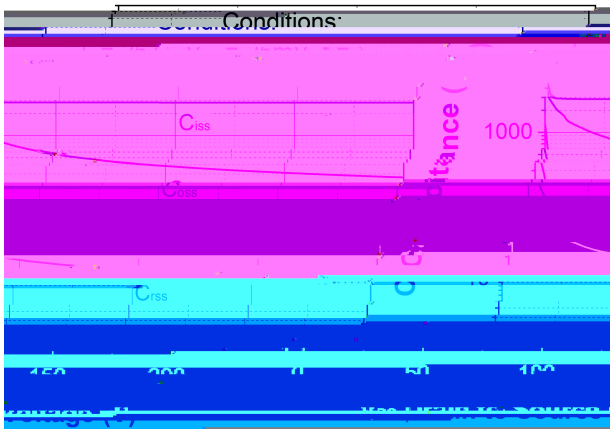
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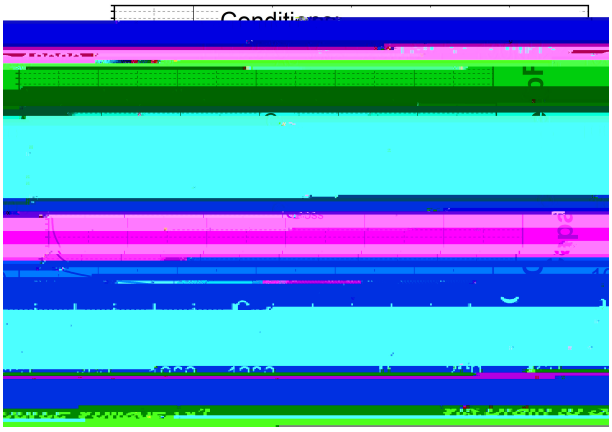










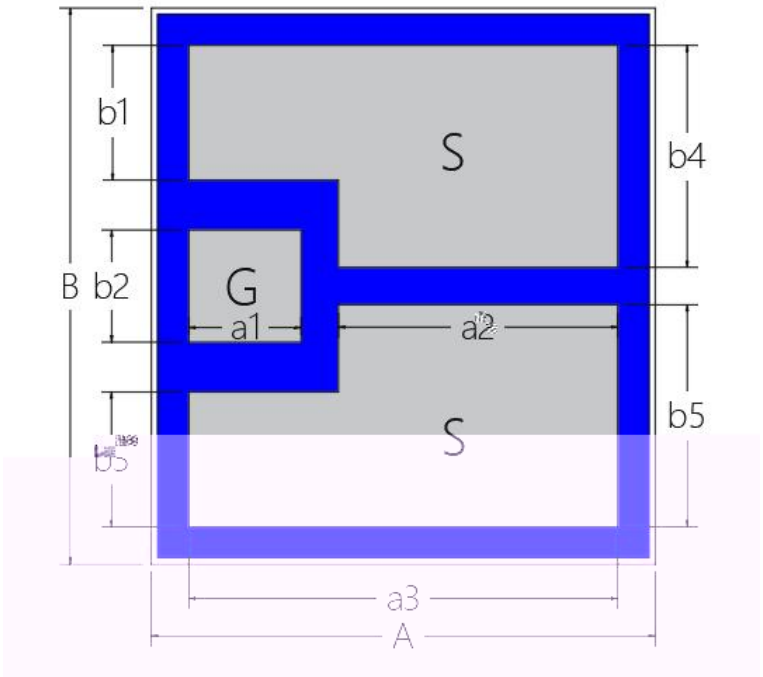


4 Mechanical parameters

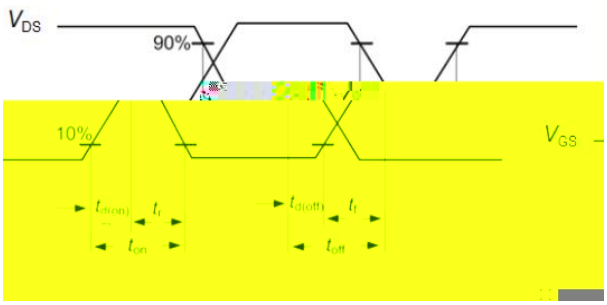
4.1 Dimensions and metallization

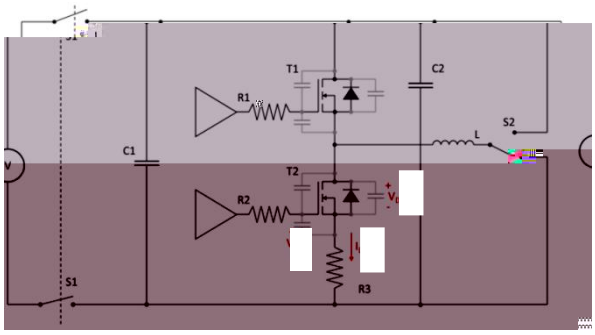
Parameter	Typical value	Unit	Metallization

4.2 Layout



5 Test conditions





SG2M023120BJ

1200V SiC Power MOSFET

Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2024-11-21	——	——
V01_01	2025-08-28	——	——
V01_02	2025-12-08	——	——
V01_03	2025-12-22	Final	——

Attention

RoHS compliance

REACH compliance

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