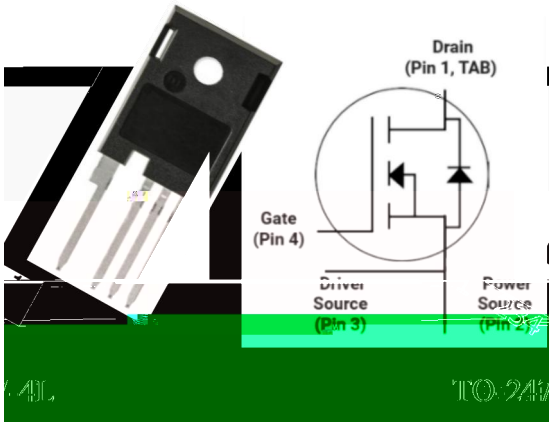
S3M007075HK-A

TriQSiC™750V Silicon Carbide Power MOSFET G3

Features

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-
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Benefits

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Applications

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-

Table 1 Key performance and package parameters

Type	V_{DS}	I_{DS}	$R_{DS(on),\ typ}$	$T_{J,max}$	Marking	Package

2N 7075HK-A

50V wer MOSFET

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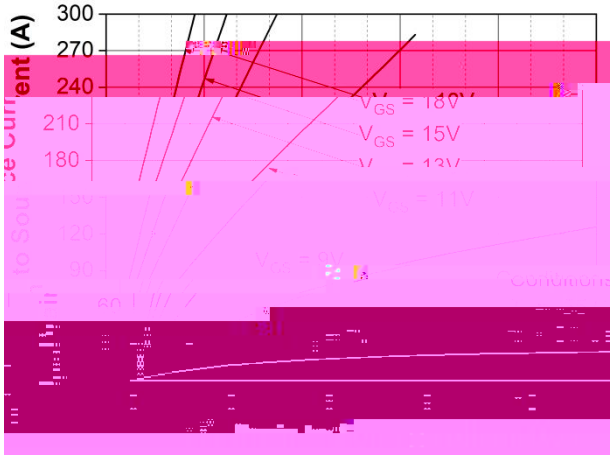
750V

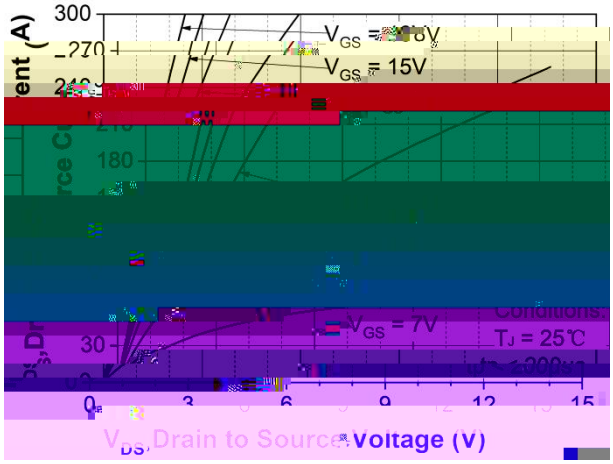
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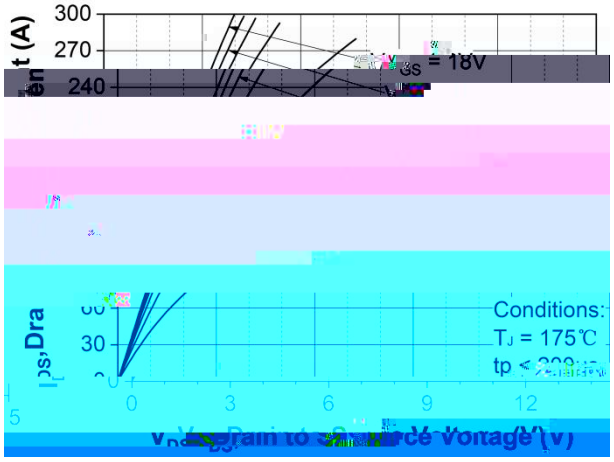
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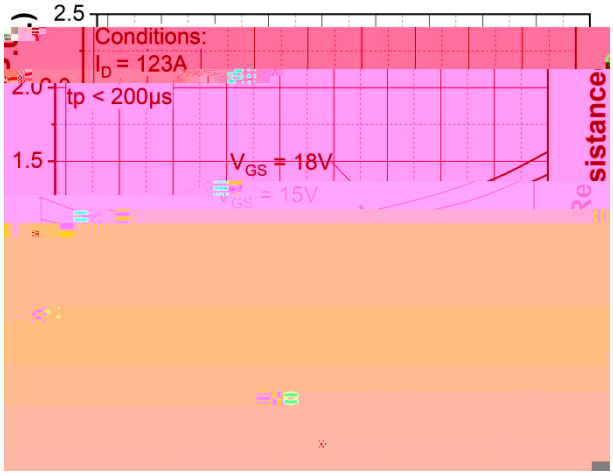
750V SiC Power MOSFET

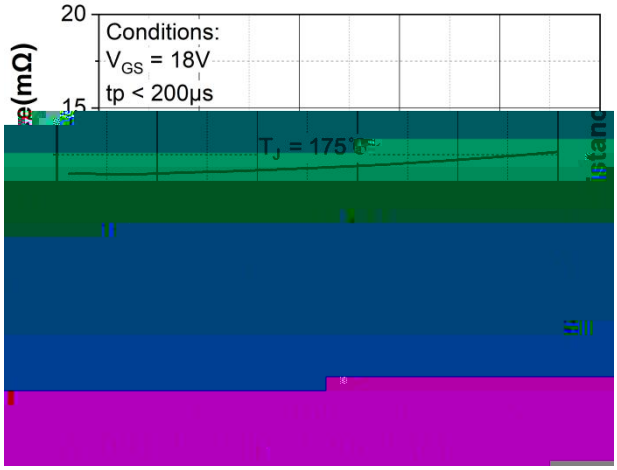
4 Electrical characteristic diagrams

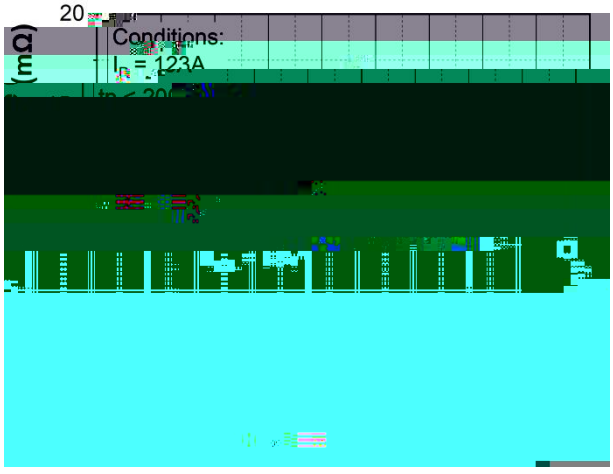




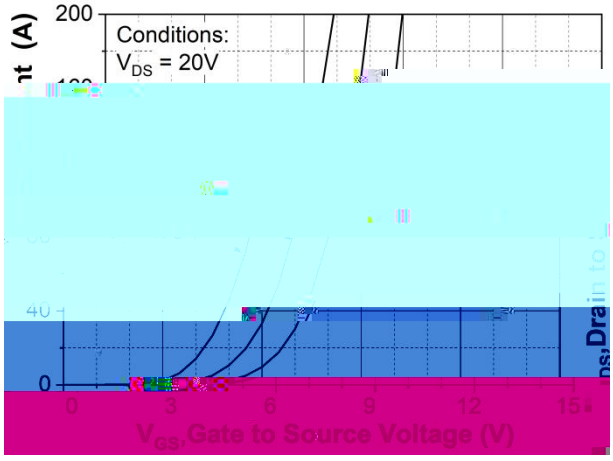


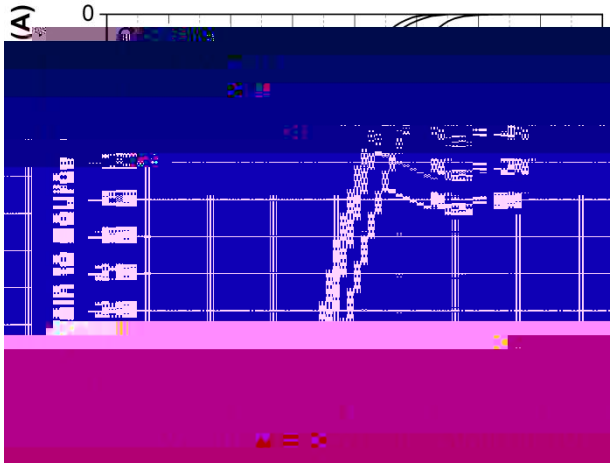


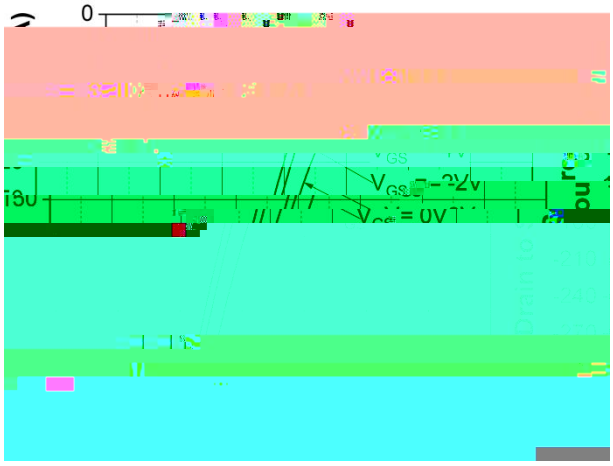


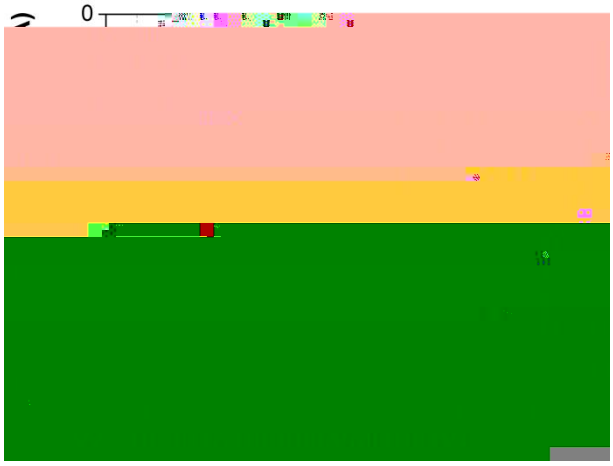


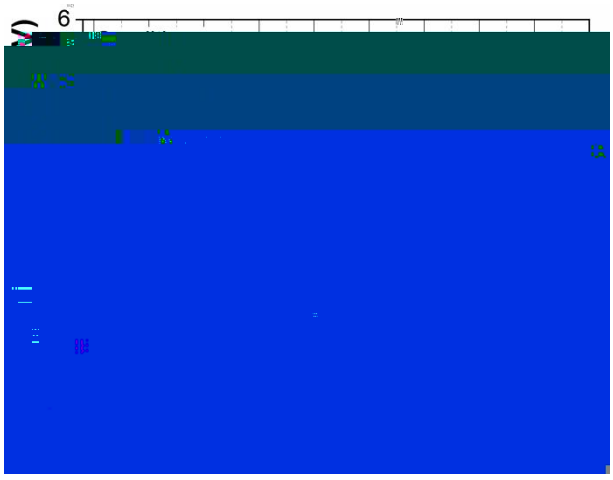
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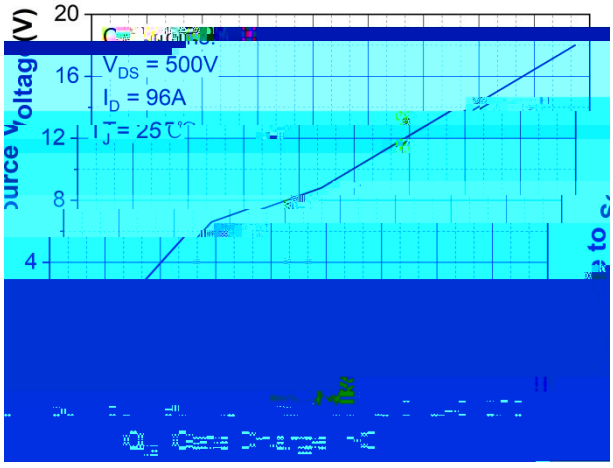










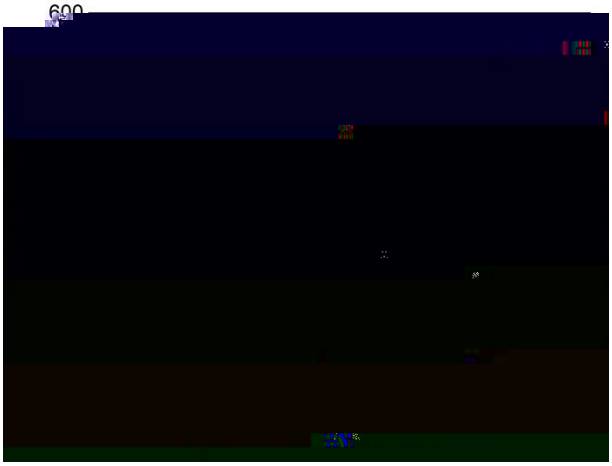


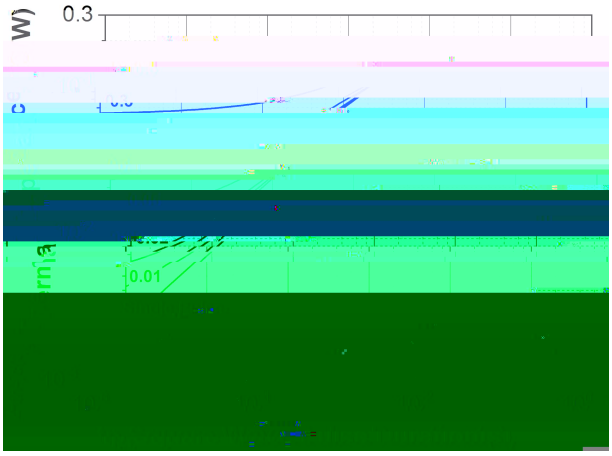
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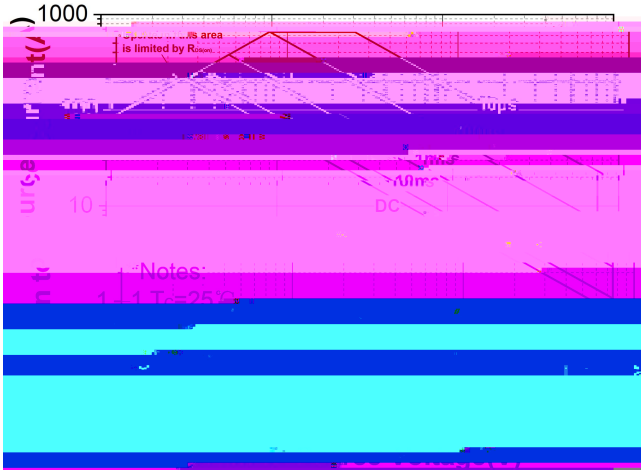
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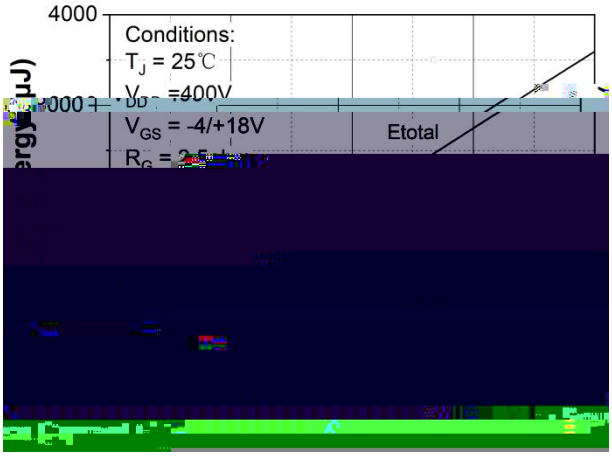
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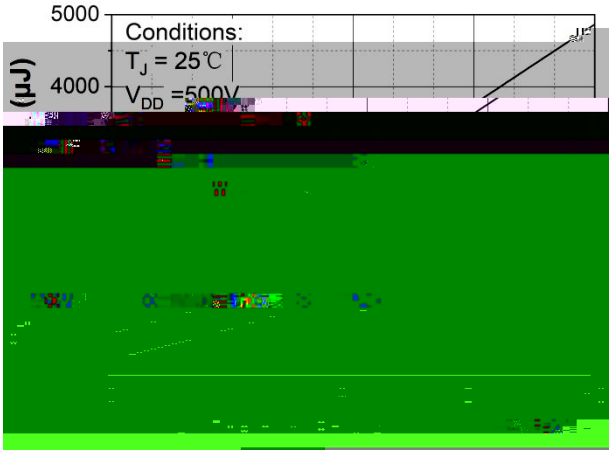




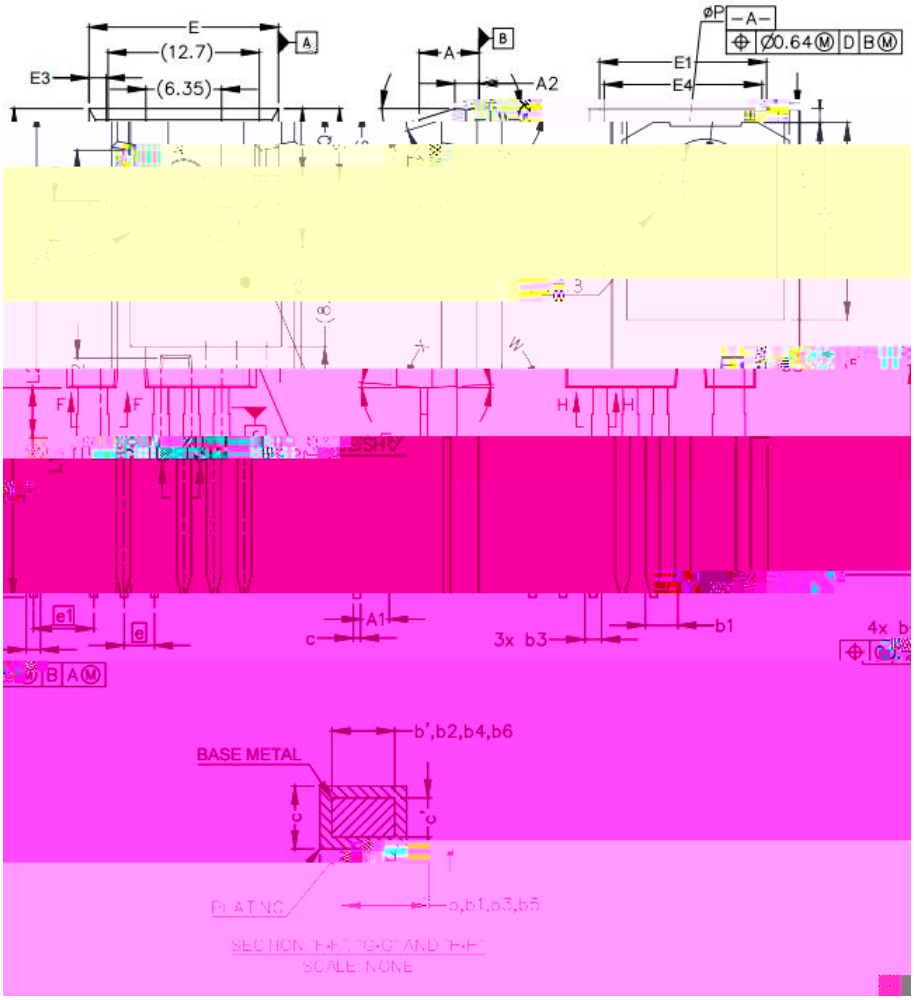








5 Package drawing



SYMBOL	MILLIMETERS	
	MIN	MAX
A	4.83	5.21
A1	2.29	

S3M007075HK-A

750V SiC Power MOSFET

S3M007075HK-A

750V SiC Power MOSFET

Revision history

Document version	Date of release	Document stage	Description of changes
V01_00	2026-06-26	Final	——

Attention

RoHS compliance

REACH compliance

S3M007075HK-A