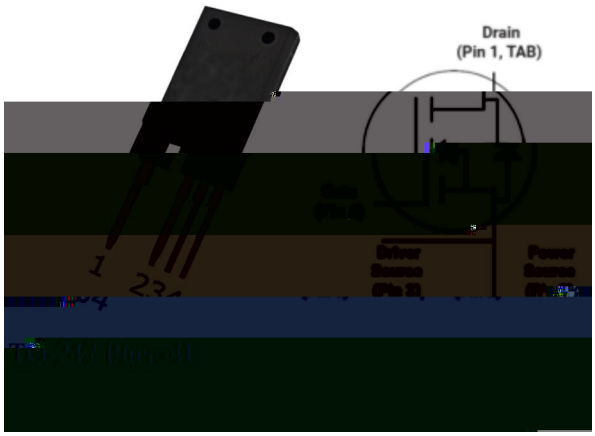
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TriQSiC™ 2300V Silicon Carbide Power MOSFET G2

Features

-
-
-
-
-
-
-



Benefits

-
-
-
-
-

Applications

-
-
-
-

Table 1 Key performance and package parameters

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

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1 Maximum ratings

Table 2 Maximum rating

Symbol	Parameter	Value	Unit	Test Conditions	Note

3 Electrical characteristics

3.1 Static characteristics

Table 4 Static characteristics

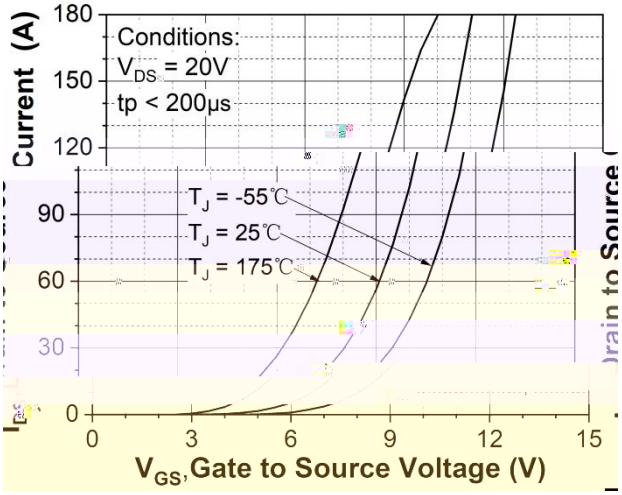
Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Cond	t	ב

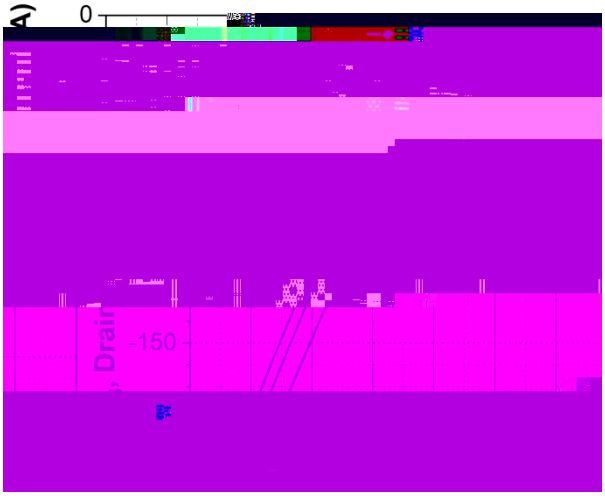
3.3 Switching characteristics

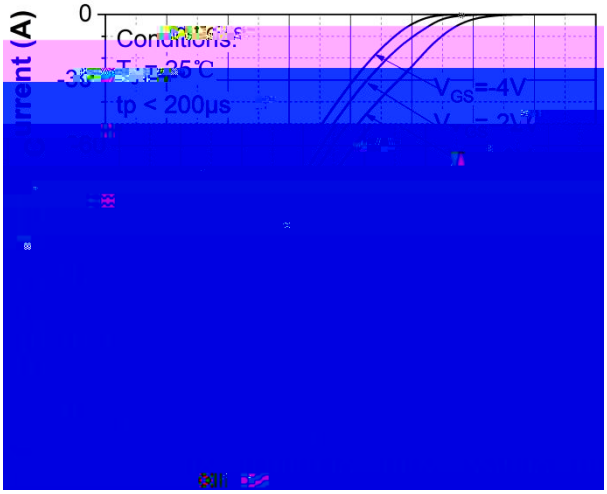
Table 6 Dynamic characteristics

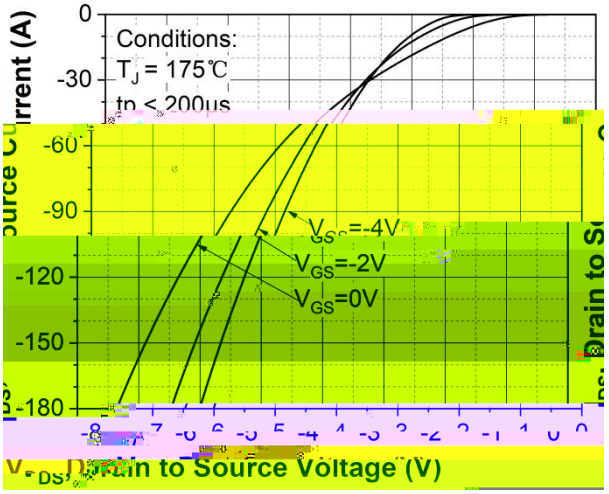
Symbol	Parameter	Min.	Typ.	Max.	Unit	Test Conditions	Note

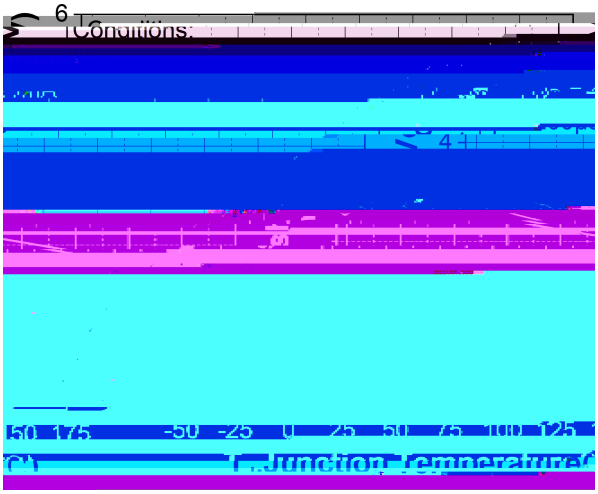
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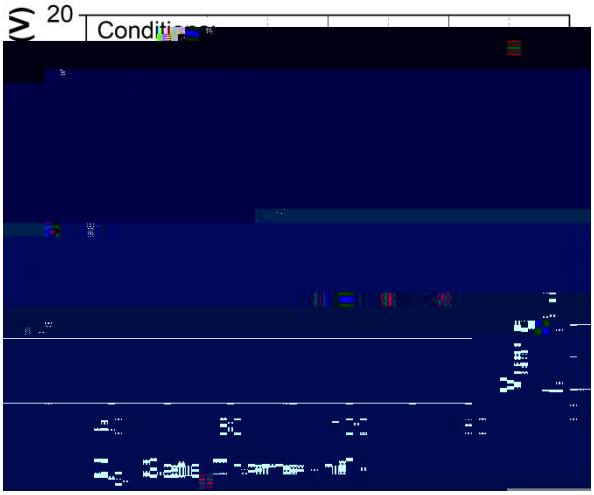




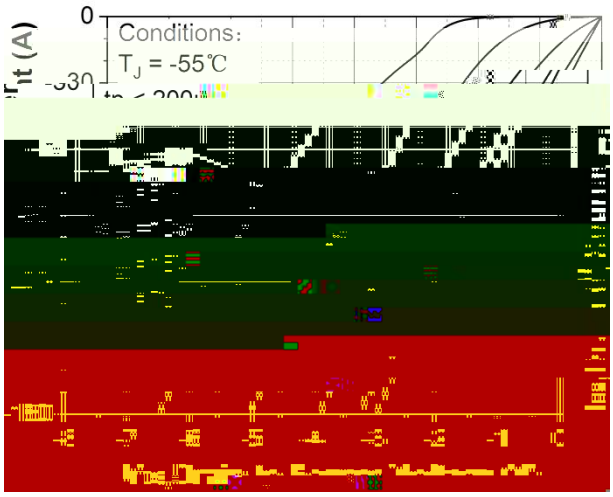


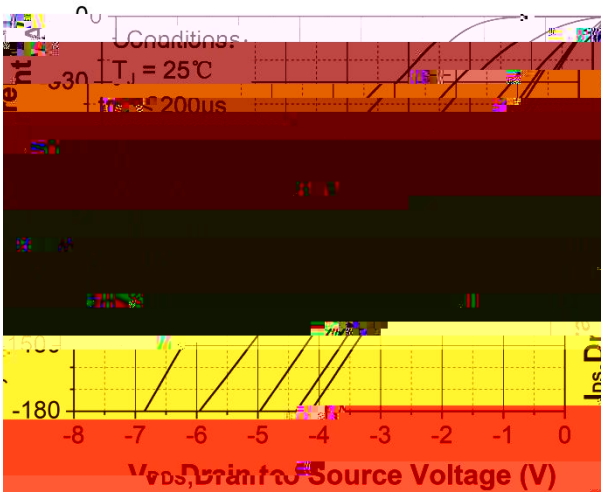


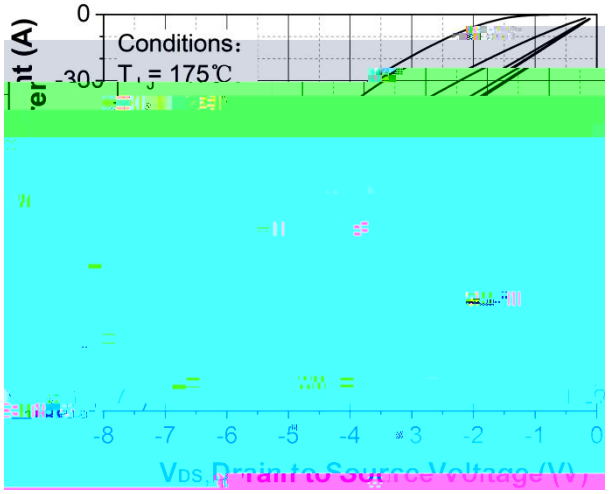


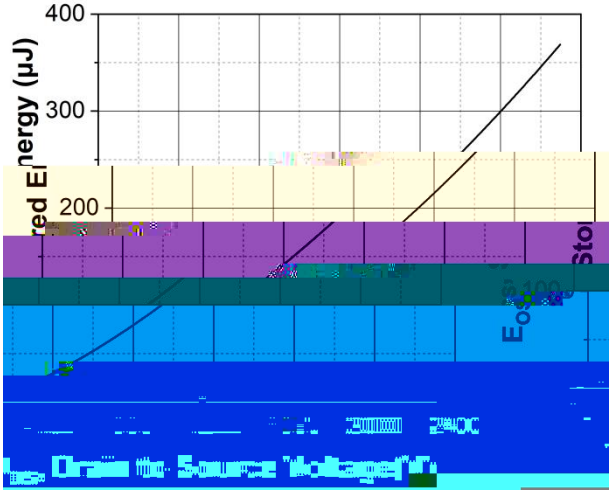


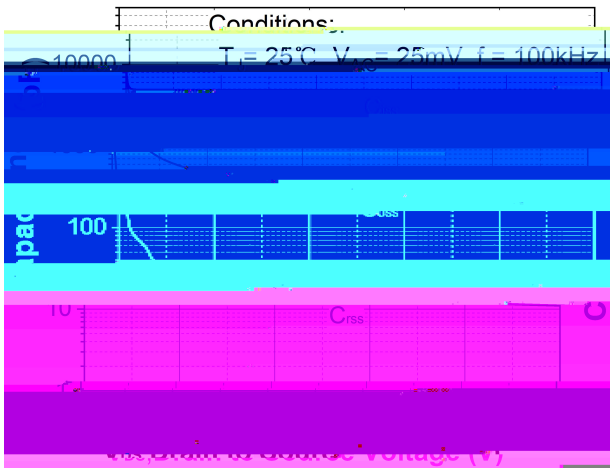
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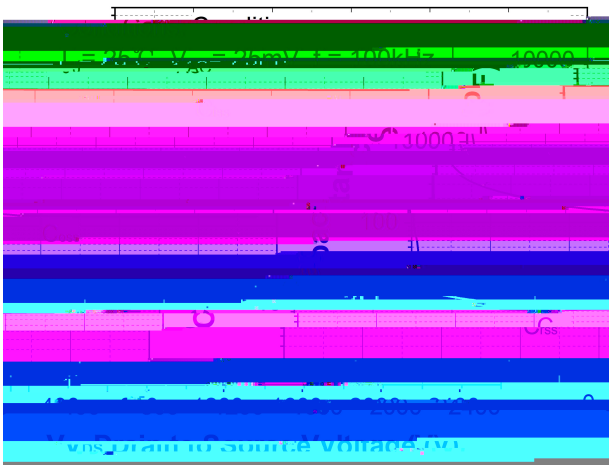




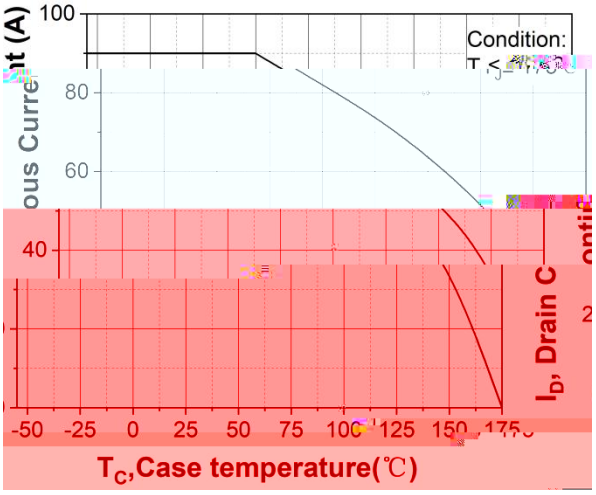


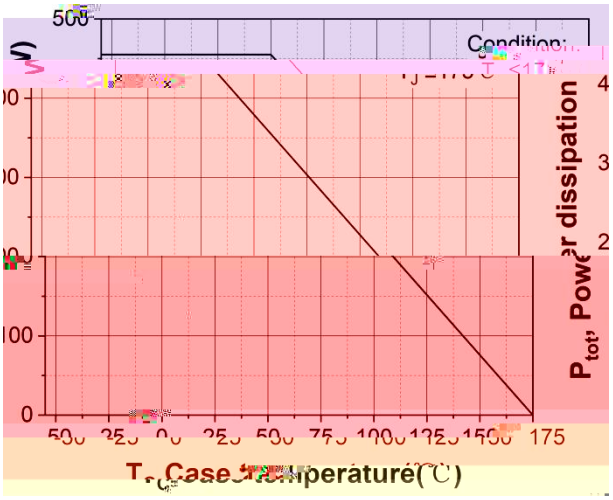


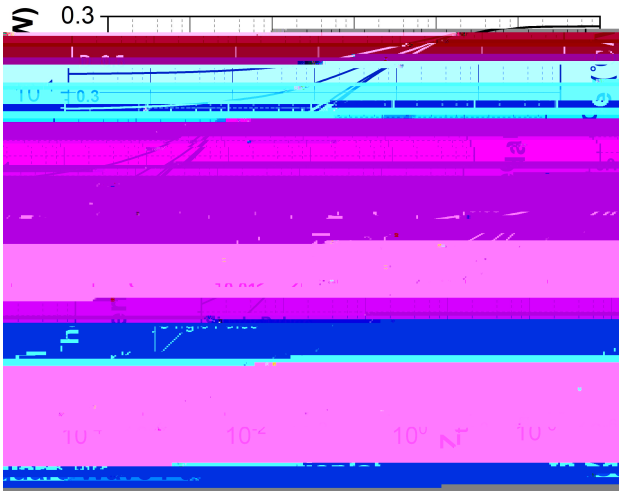


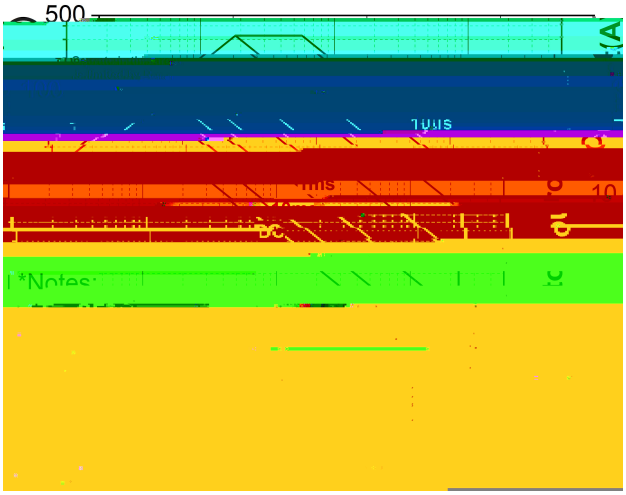


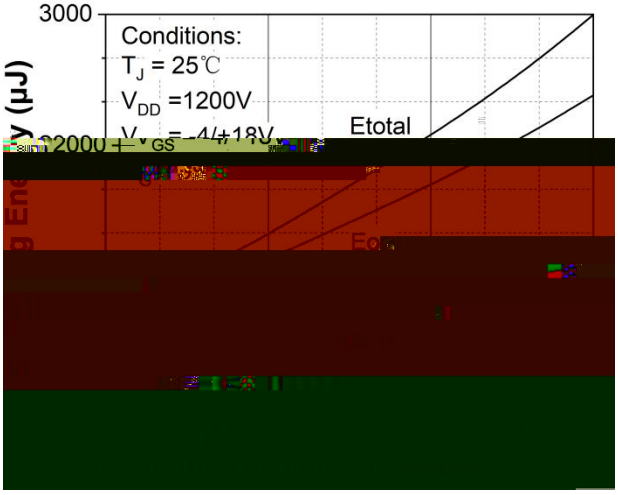
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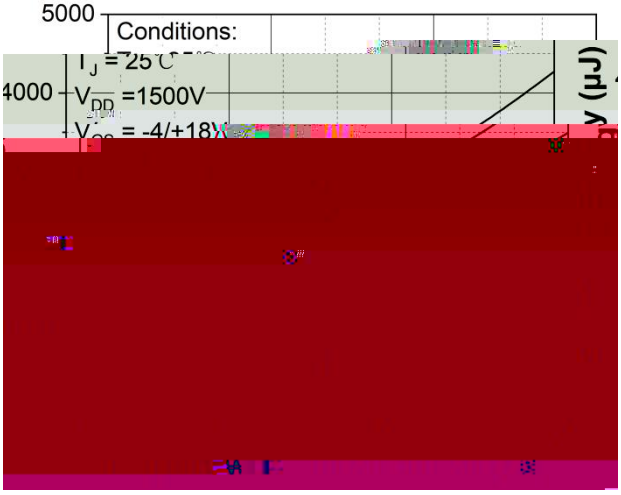




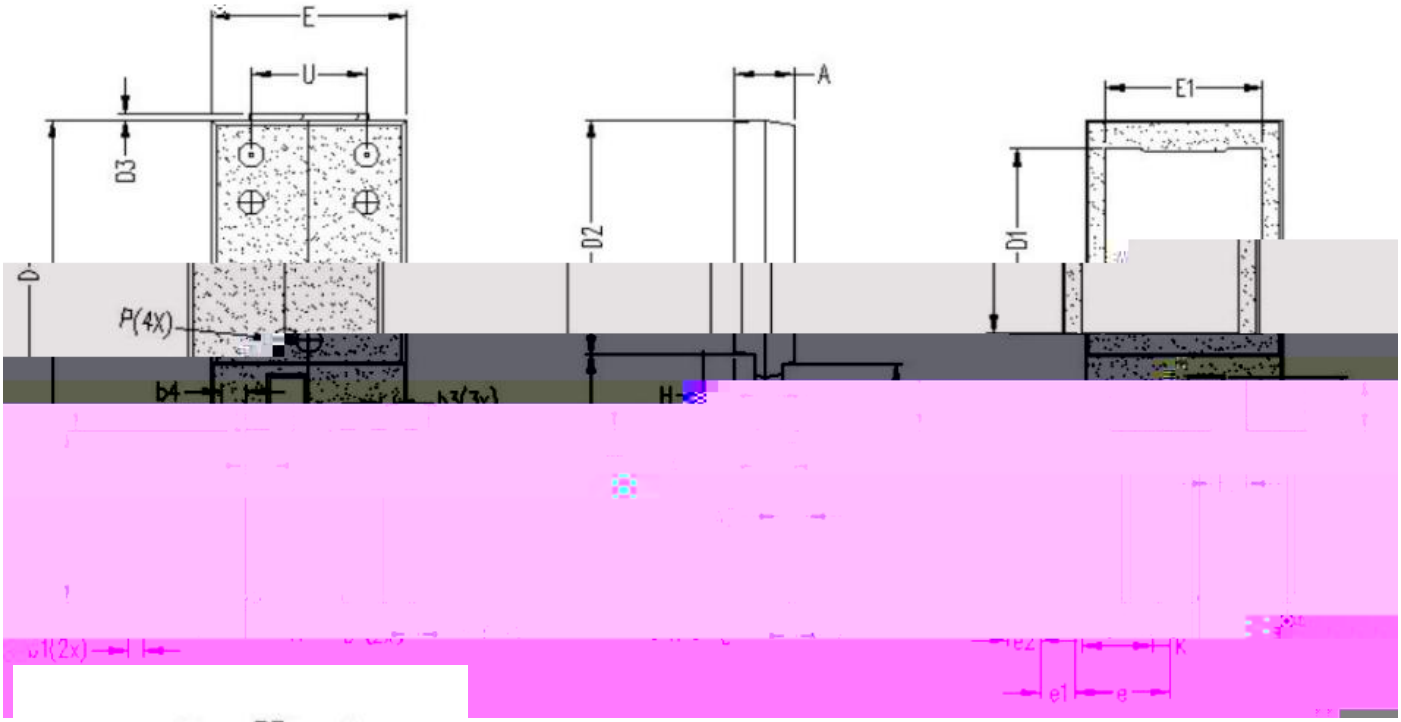


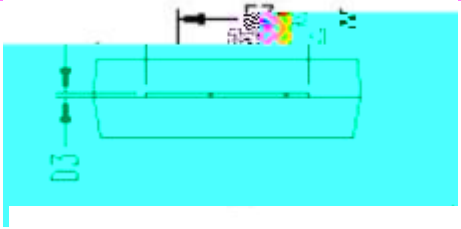






5 Package drawing

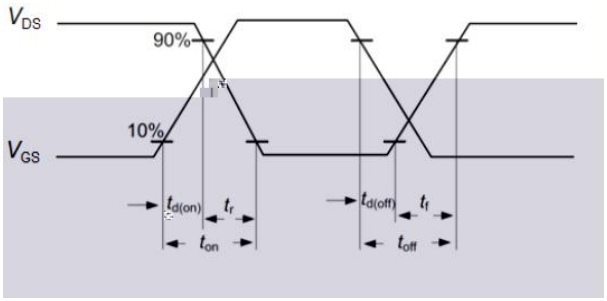


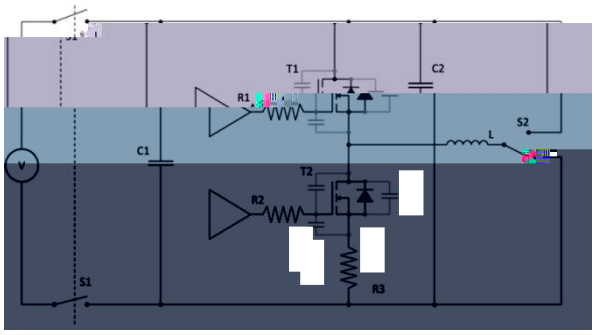


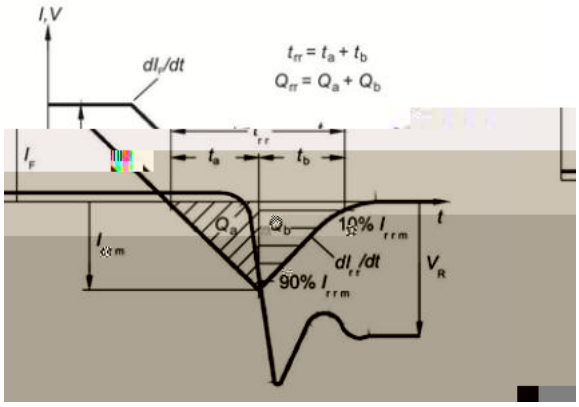
（单位 unit: mm）

符号	尺寸 Size	符号	尺寸 Size	符号	尺寸 Size	符号	尺寸 Size

6 Test conditions







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