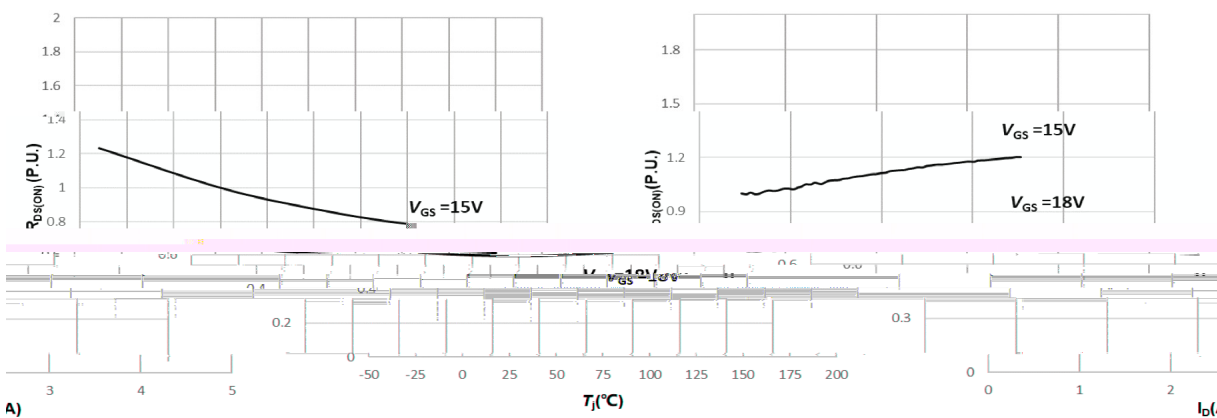
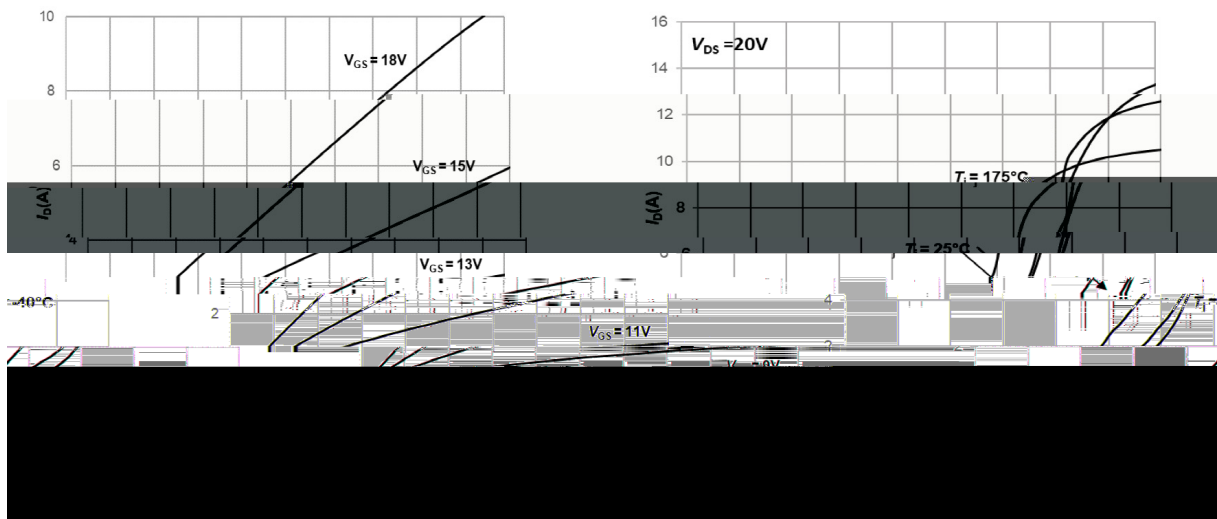
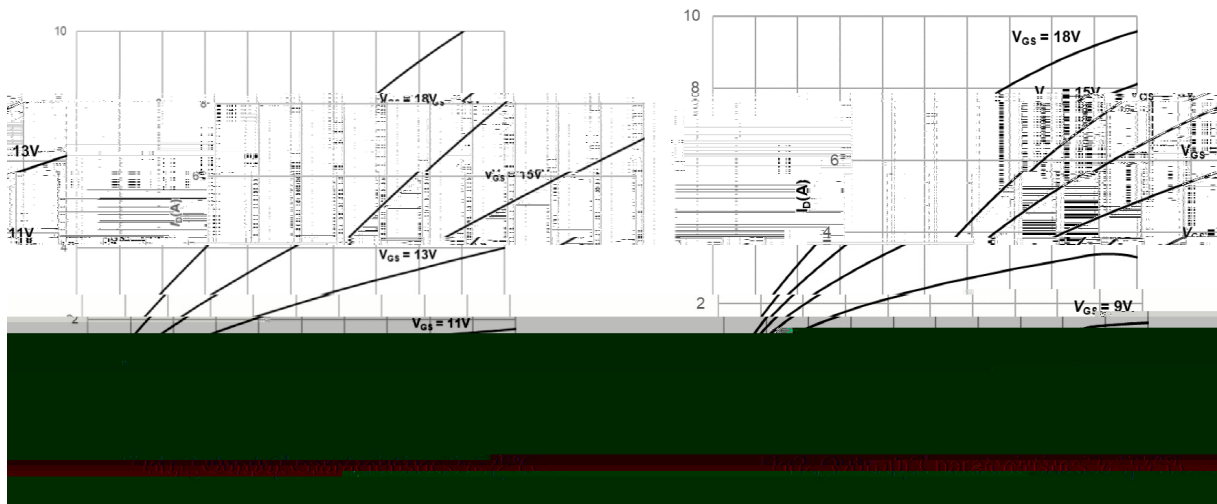


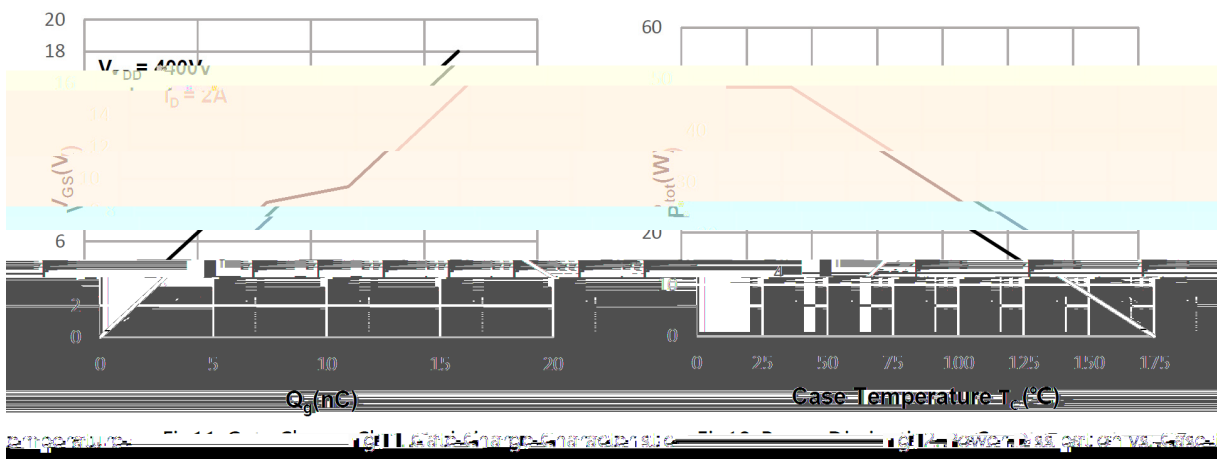
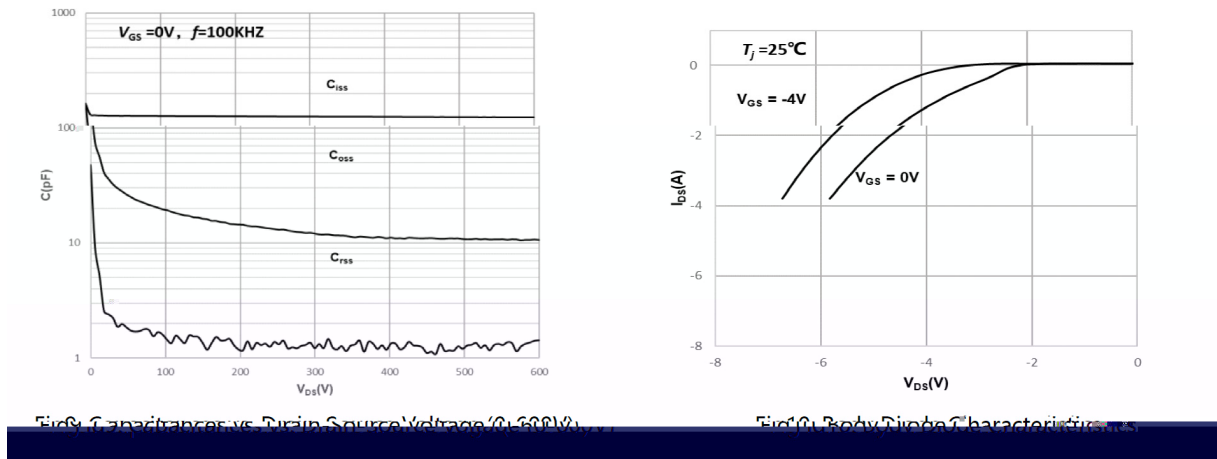
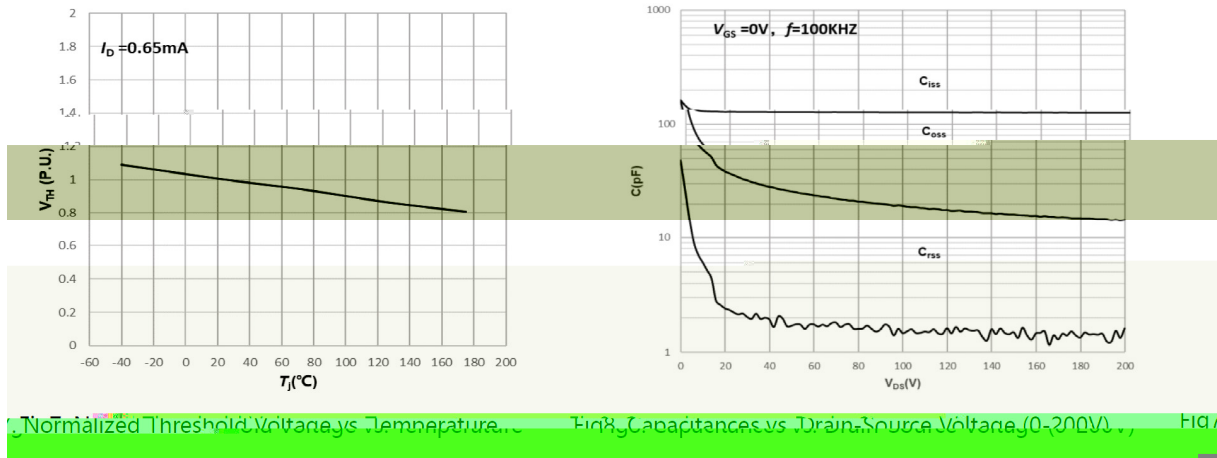
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Gate resistance	R_g	$V_{AC}=25mV$ $f=1MHz$		11.8		Ω
Input Capacitance	C_{iss}	$V_{DS}=400V$ $V_{GS}=0V$ $f=100kHz$		125		μF
Output Capacitance	C_{oss}			11		
Reverse Transfer Capacitance	C_{rss}			1		
Total Gate Charge	Q_g	$V_{GS}=0/15V,$ $V_{DS}=400V,$				



-Resistance vs. Drain

Fig5. Normalized On-Resistance vs. Temperature

Fig6. Normalized On-



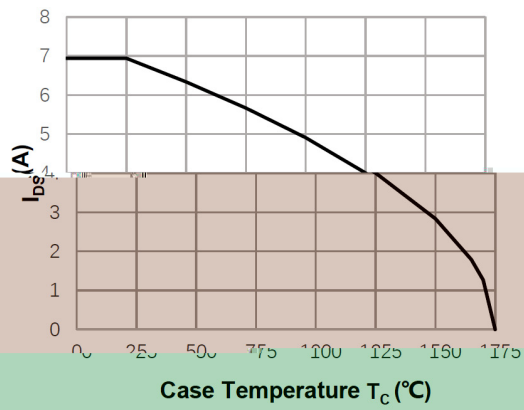
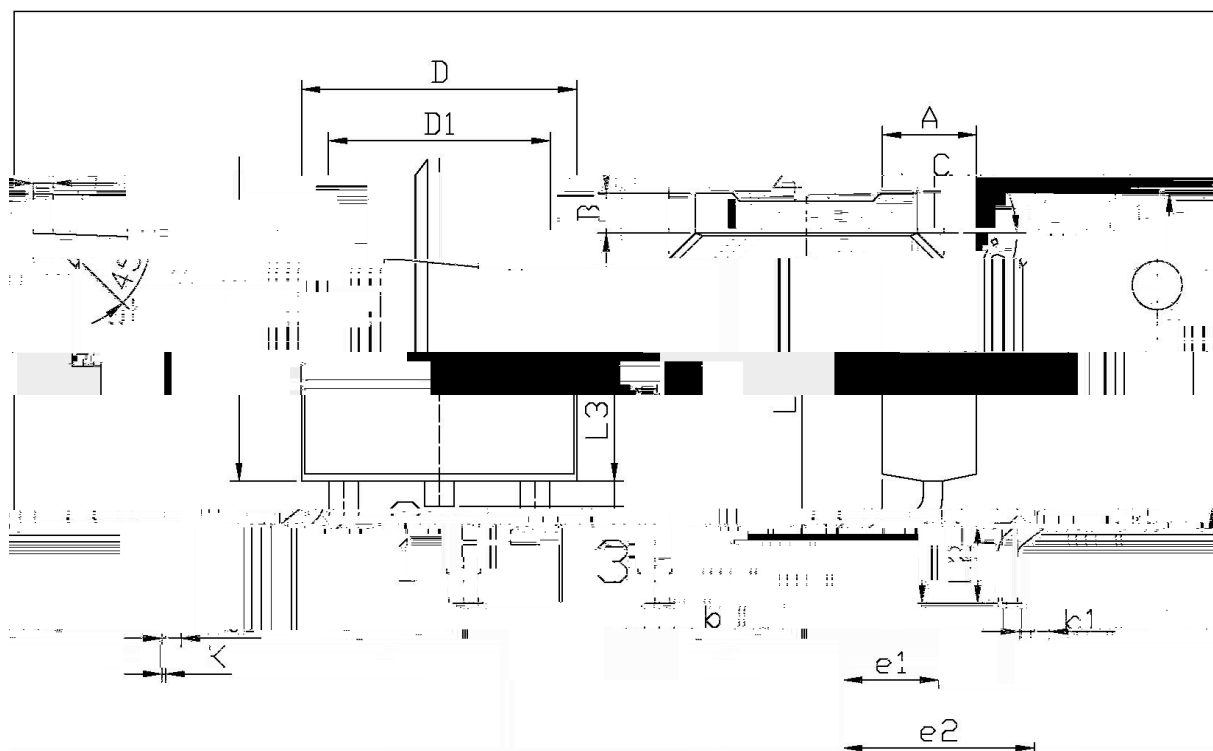


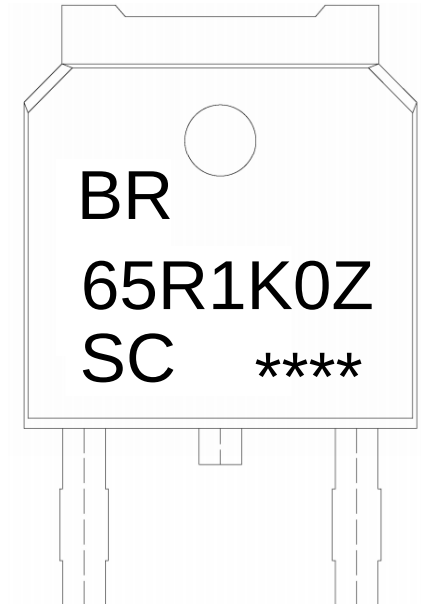
Fig13. Continuous Drain Current vs. Case Temperature



单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	6.25	6.75	B	0.95	1.25
e1	2.24	2.34	b1	0.45	0.55
L1	9.85	10.35	D	6.45	6.75
L3	0.60	0.90			

TO-252



BR

65R1K0Z

SC

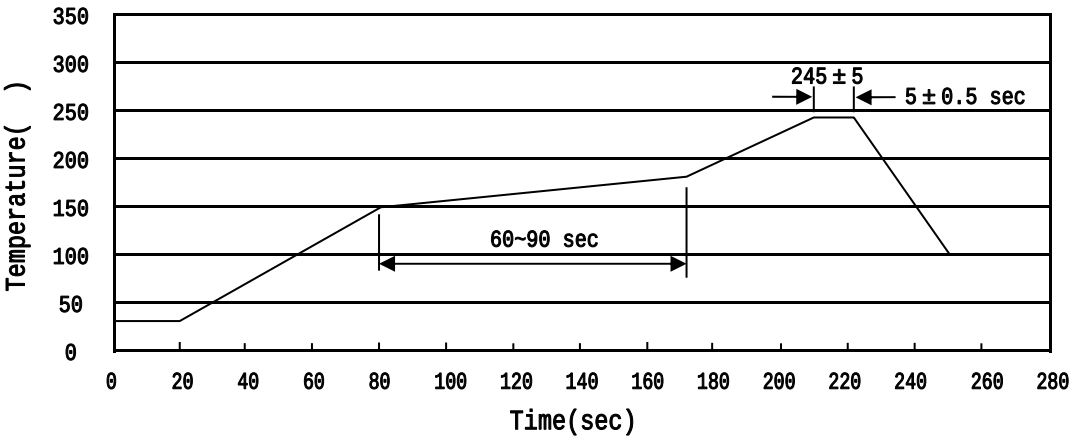
Note:

BR: Company Code

65R1K0Z: Product Type Code

SC: SiC

****: Lot No. Code, code change with Lot No.



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 , Duration:5±0.5sec.
- 3

2 10 /sec.

3. Cooling Speed: 2~10 /sec.

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
TO-252	2,500	2	5,000	6	30,000	13 ×16	360×360×50	380×335×366

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm³)		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180

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