

[illegible]

/ Descriptions

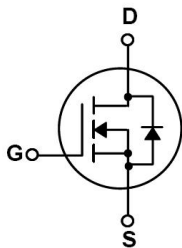
/ Features

$R_{DS(on)}$ C_{rss}

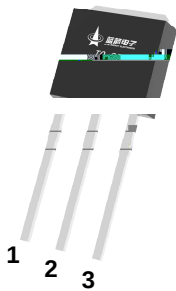
/ Applications

DC/DC

/ Equivalent Circuit



/ Pinning



/ Marking

	°C		
	°C		
		~	°C
	θ		°C
	θ		

BRCS50N06IP

/ Electrical Characteristic Curve

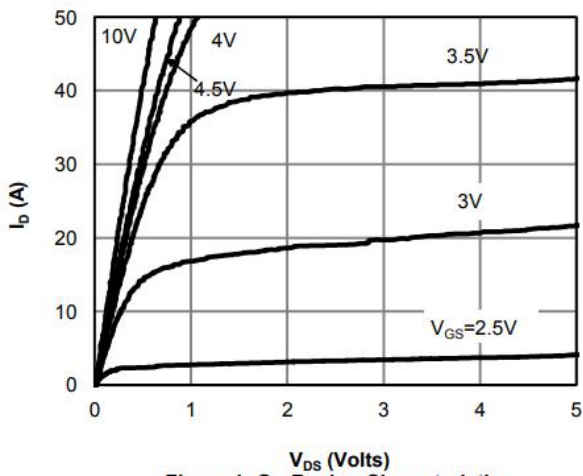


Figure 1: On-Region Characteristics

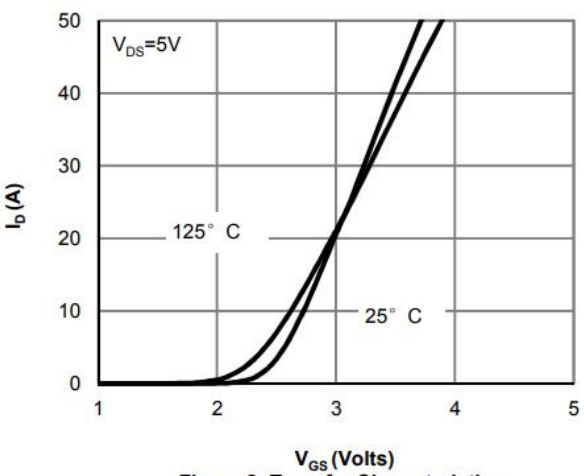
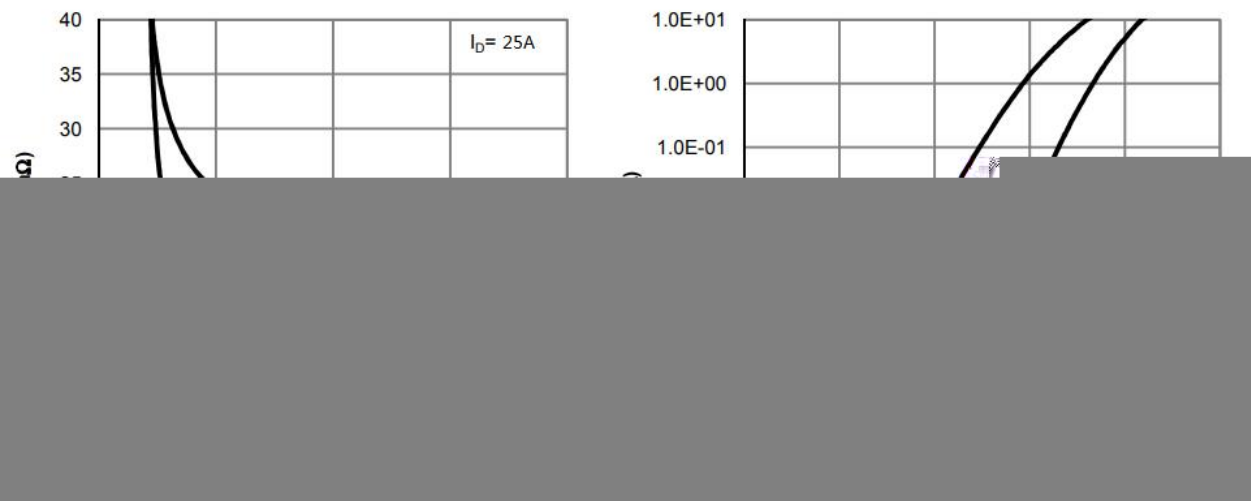
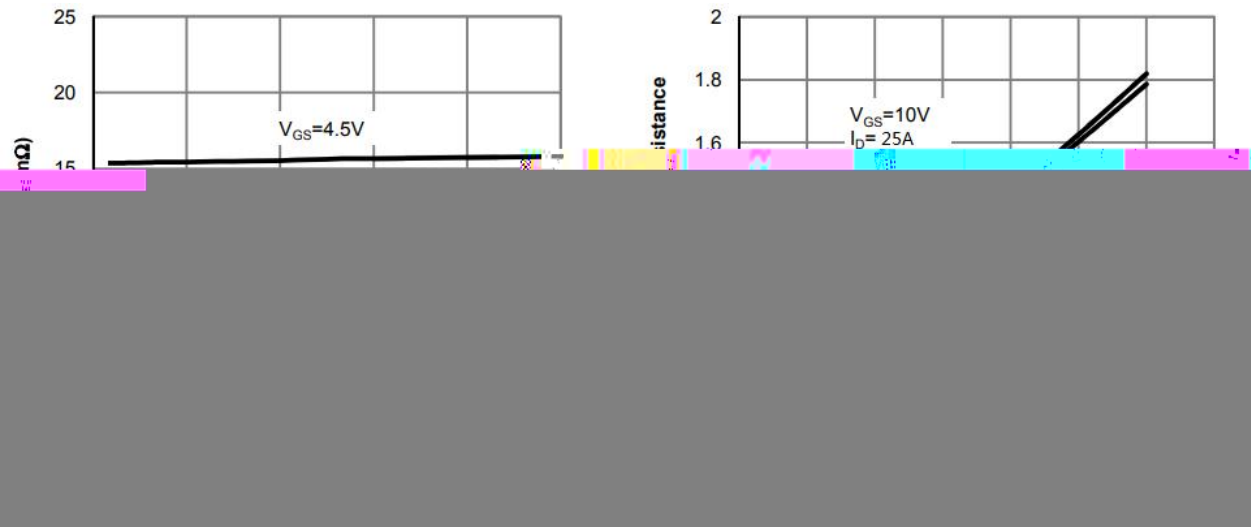
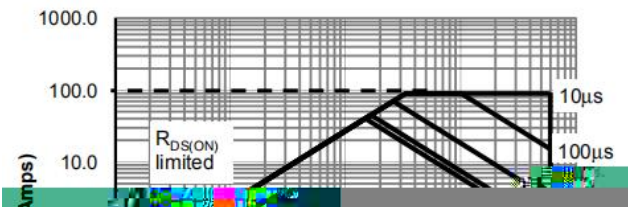
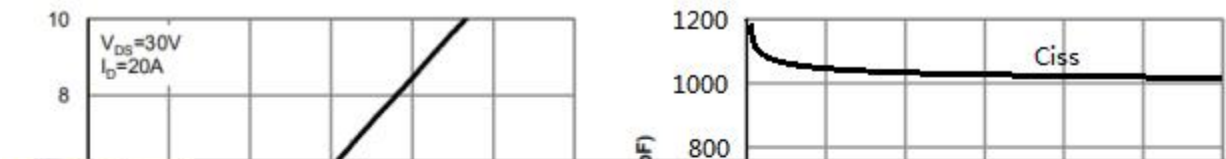


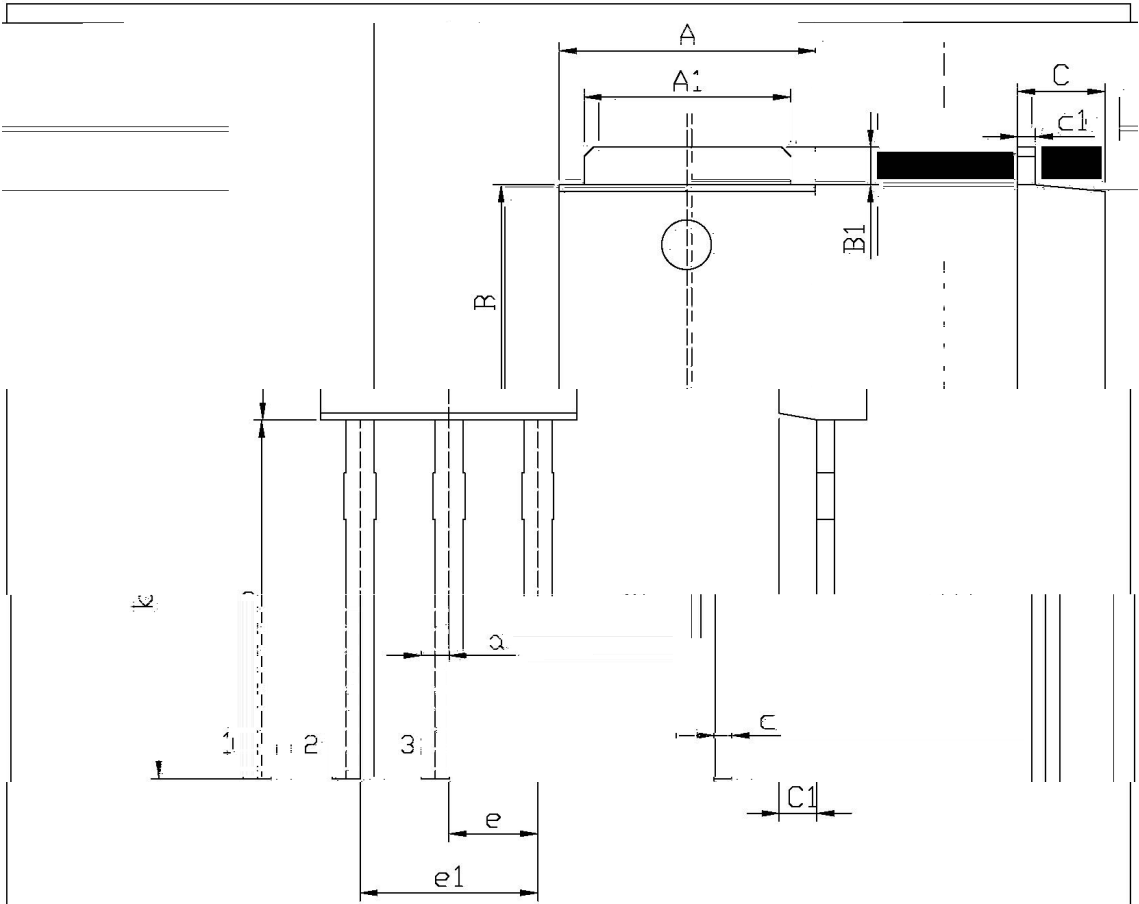
Figure 2: Transfer Characteristics



/ Electrical Characteristic Curve



/ Package Dimensions

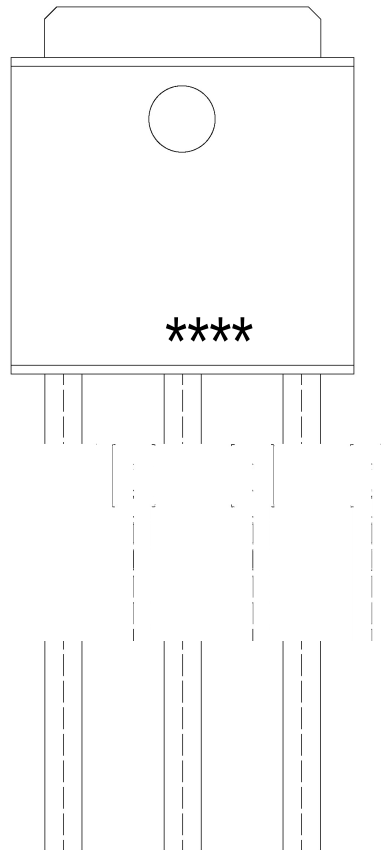


单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
A	4.43	4.73	A1	2.20	2.27
B	5.95	6.25	B1	0.95	1.25
C	2.20	2.27	C1	0.45	0.55
e	2.24	2.34	e1	4.43	4.73

TC-251

/ Marking Instructions



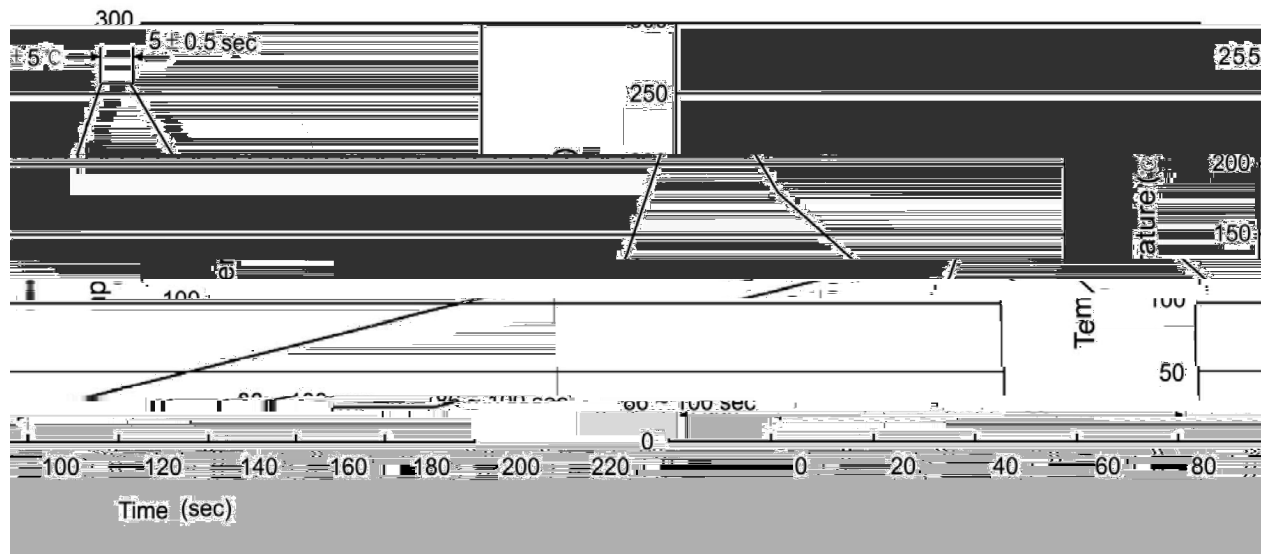
说明：

： 为公司代码

： 为型号代码

****： 为生产批号代码，随生产批号变化

() / Temperature Profile for Dip Soldering(Pb-Free)



± °C ± °C ± °C

°C °C

/ Resistance to Soldering Heat Test Conditions

± °C ± °C °C

/ Packaging SPEC.

封装形式	包装数量					包装尺寸		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-251	1,000	10	10,000	5	50,000	135×190	237×172×102	560×245×195

封装形式	包装数量					包装尺寸		
	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

/ Notices