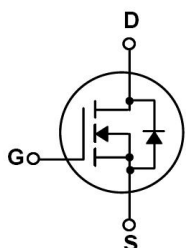


## / Descriptions

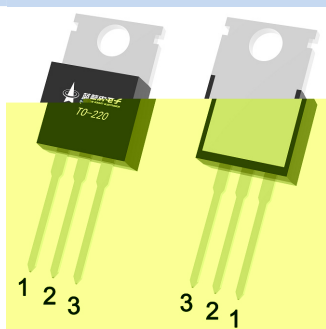
## / Features

## / Applications

## / Equivalent Circuit



## / Pinning



## / Marking

# BRC50N06RAQ


/ Electrical Characteristics(Ta=25 )


/ Electrical Characteristic Curve

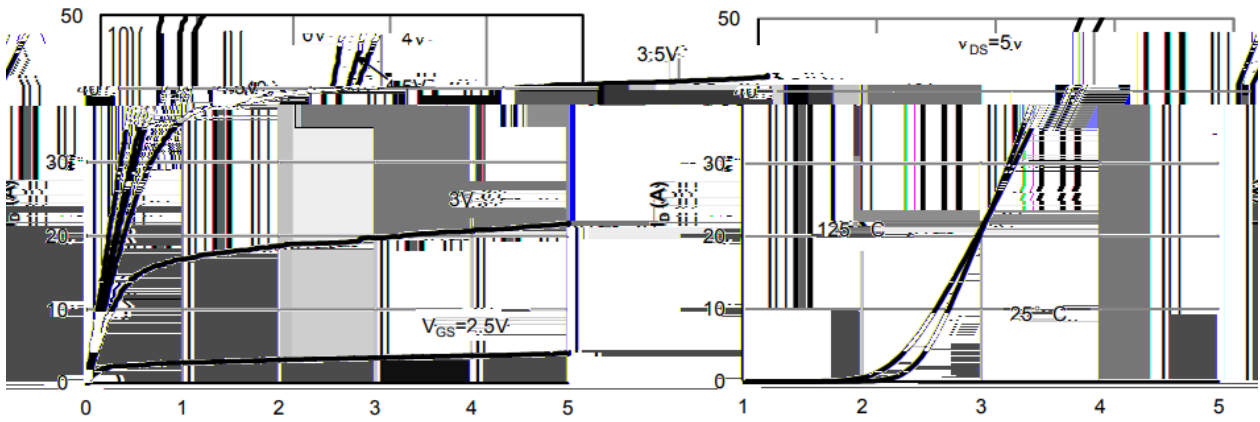


Figure 1: On-Region Characteristics

Figure 2: Transfer Characteristics

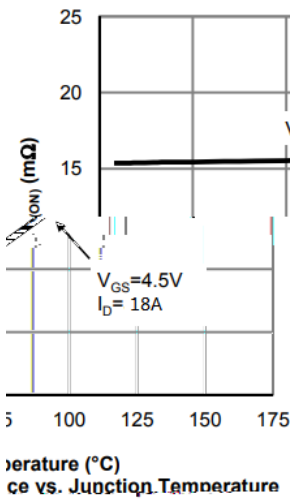


Figure 3: On-Resistance vs. Junction Temperature

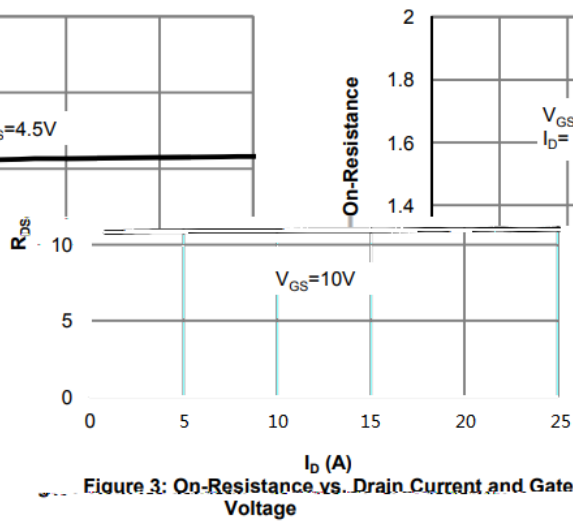


Figure 4: On-Resistance vs. Drain Current and Gate Voltage

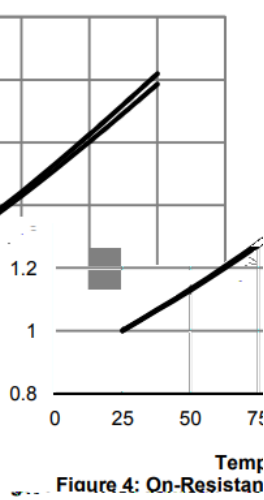


Figure 5: On-Resistance vs. Gate-Source Voltage

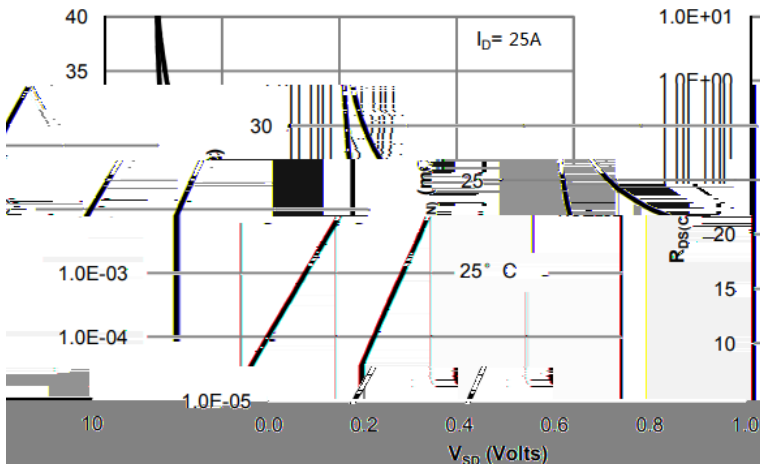


Figure 6: Body-Diode Characteristics

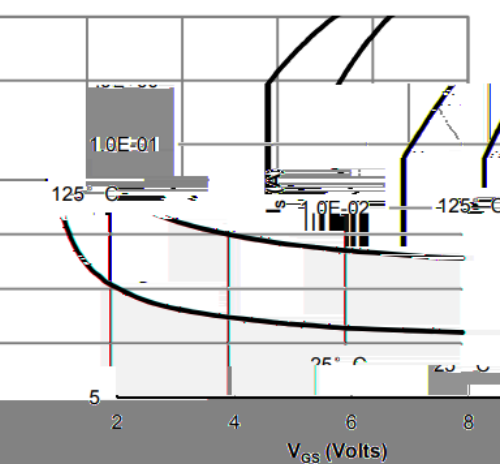
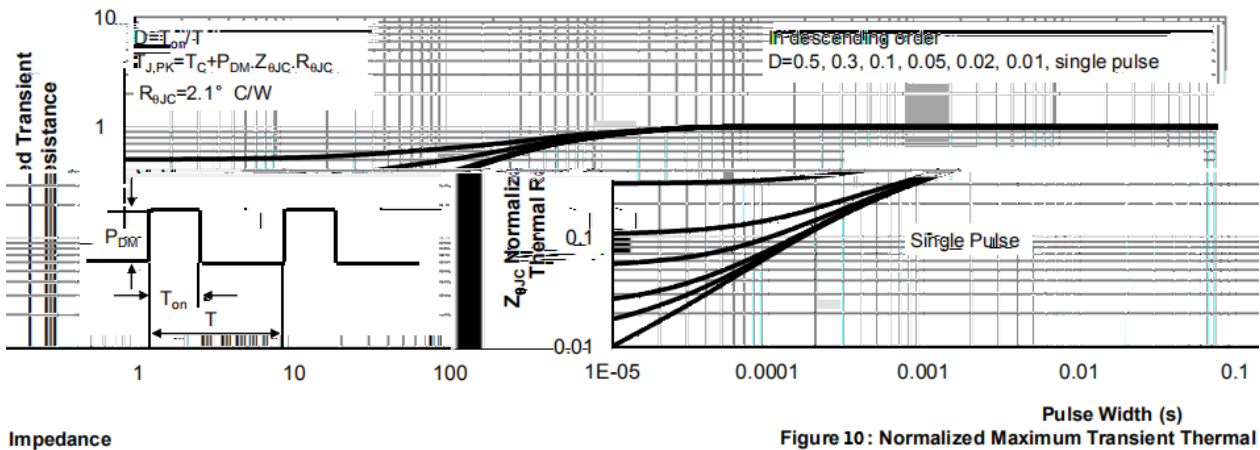
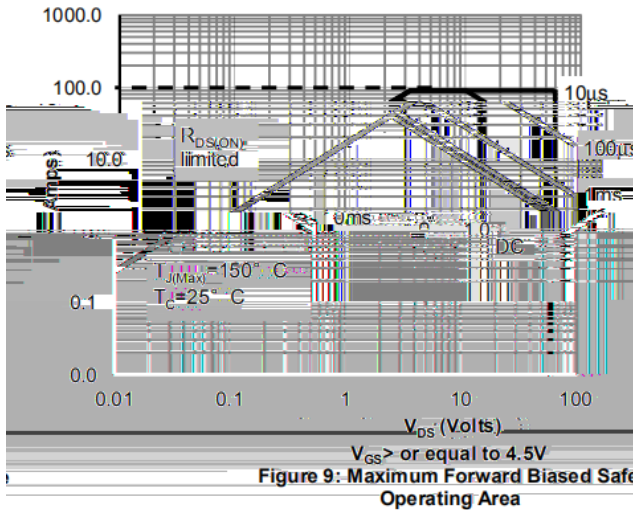
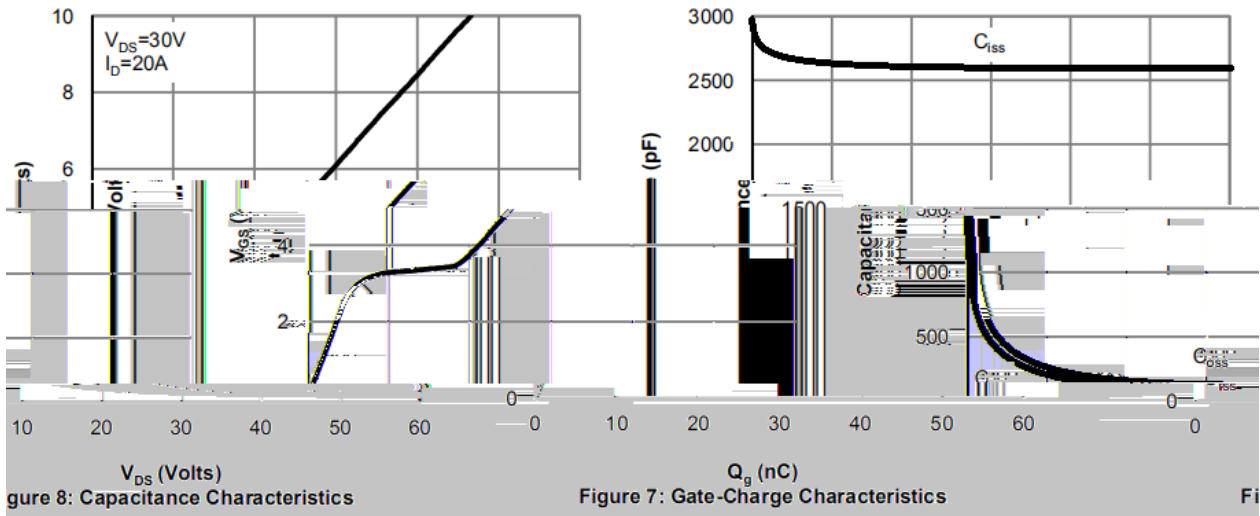
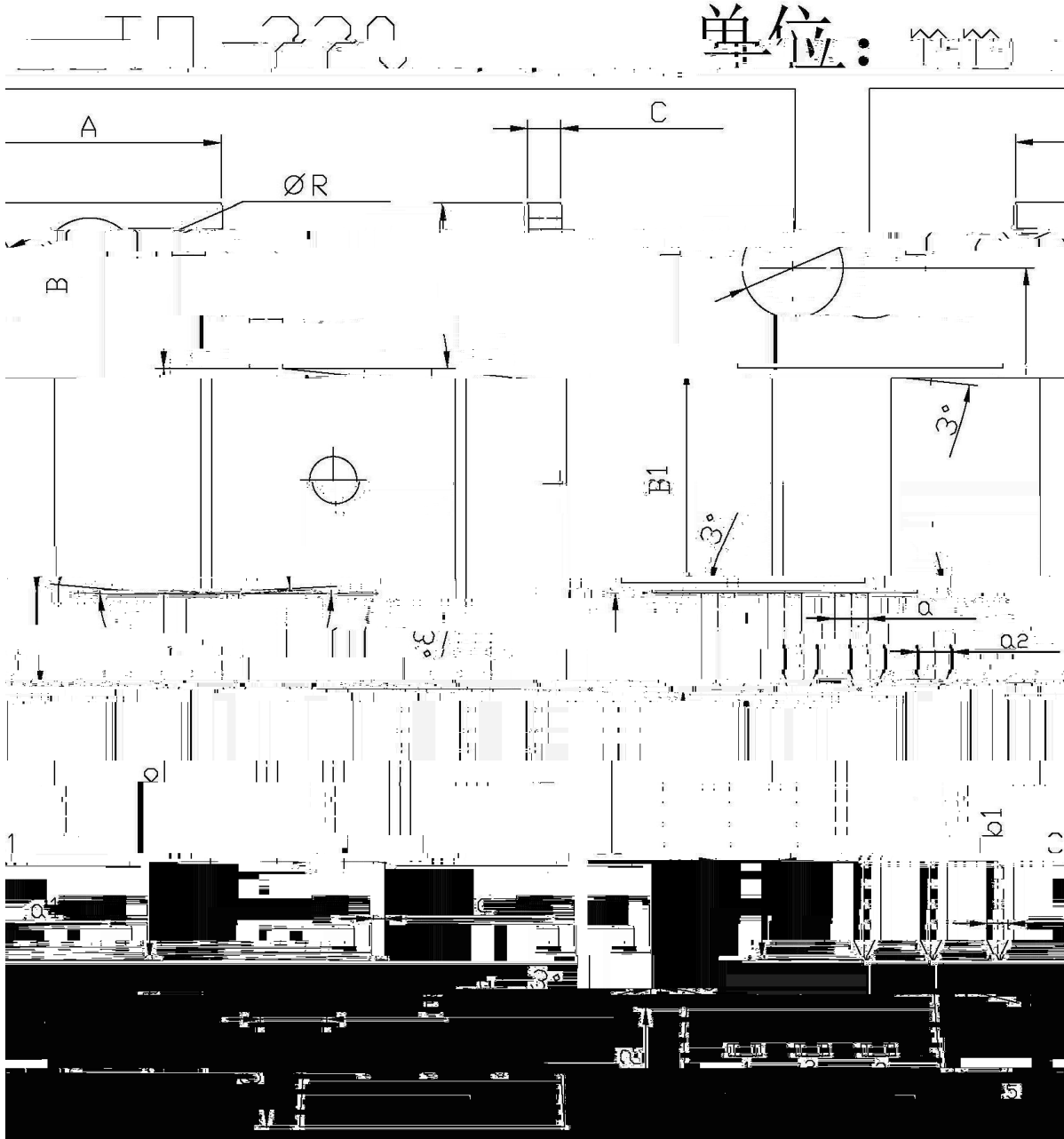


Figure 7: On-Resistance vs. Gate-Source Voltage

/ Electrical Characteristic Curve



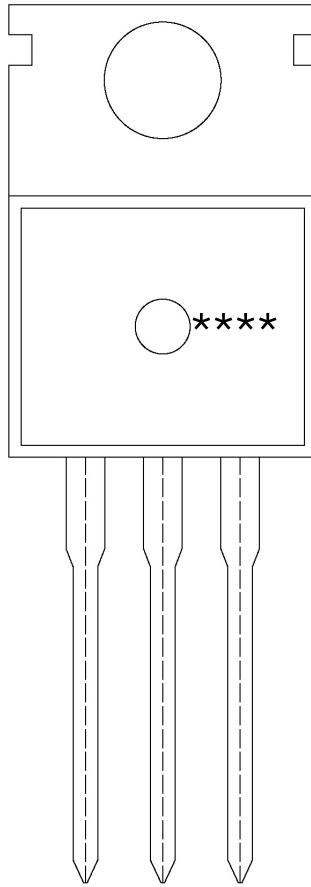
/ Package Dimensions



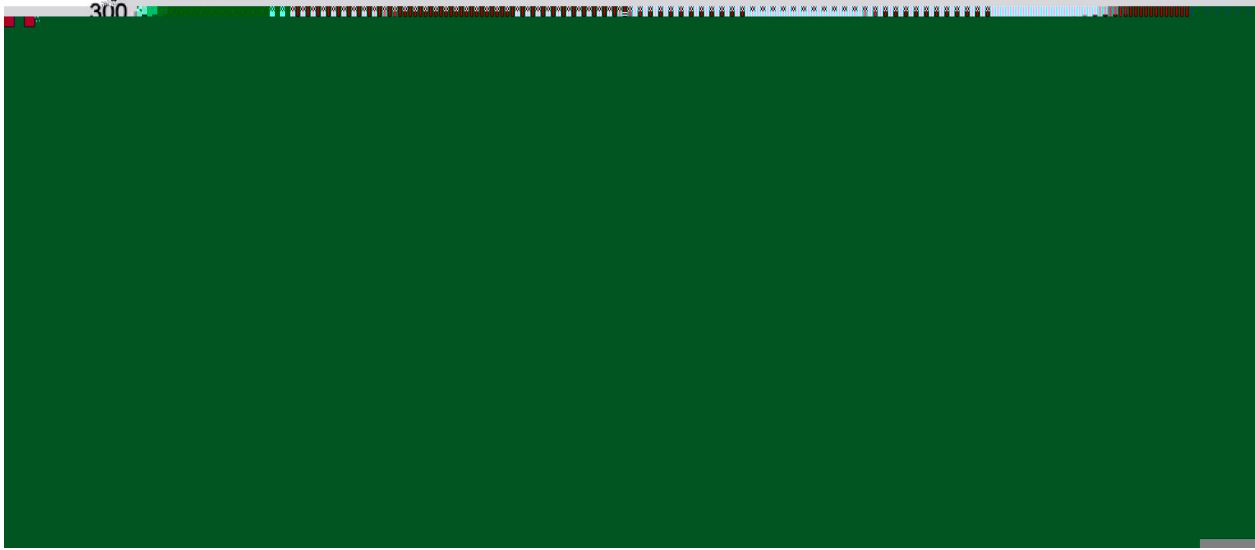
单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min.	Max.		Min.	Max.
A	9.8	10.2	C	1.2	1.4
ØR	3.56	3.64	B	6.3	6.7

/ Marking Instructions



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



/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

						Bag	Inner Box	Outer Box
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /			

						Tube	Inner Box	Outer Box
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /			

/ Notices