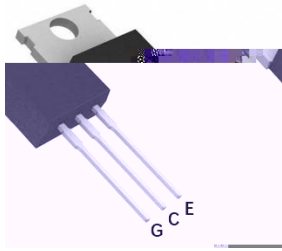


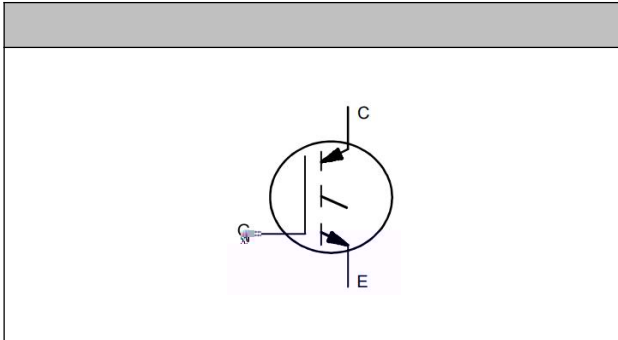


# DGP50N65ATS2A

**RoHS**  
COMPLIANT



$V_{CE}$	<b>650</b>	<b>V</b>
$I_C$	<b>50</b>	<b>A</b>
$V_{CE(SAT)} I_C=50A$	<b>1.40</b>	<b>V</b>



## Maximum Ratings





## Electrical Characteristics of the IGBT

<b>Static</b>						

<b>Dynamic</b>						



## Switching Characteristic, Inductive Load

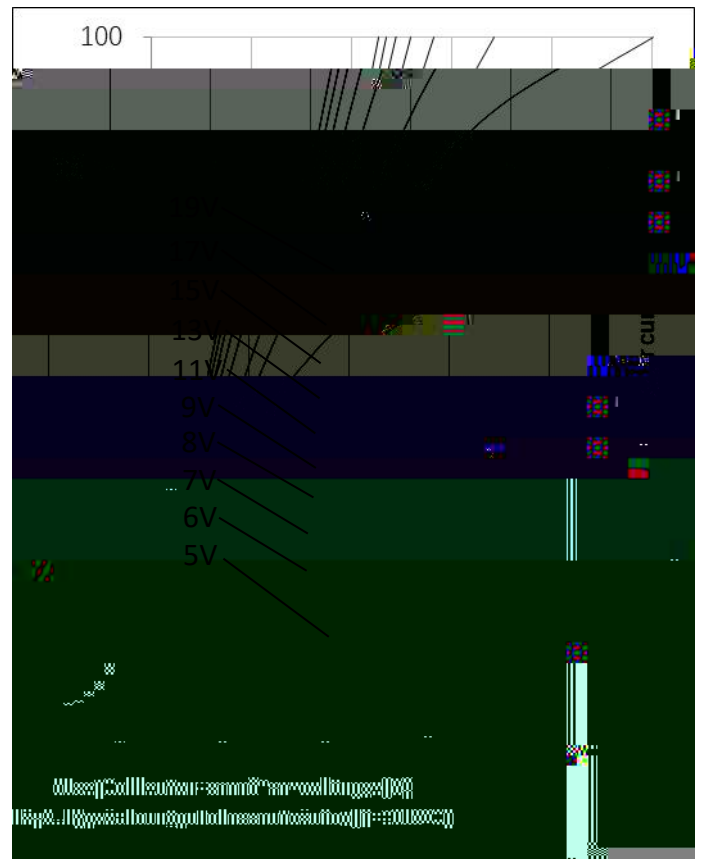
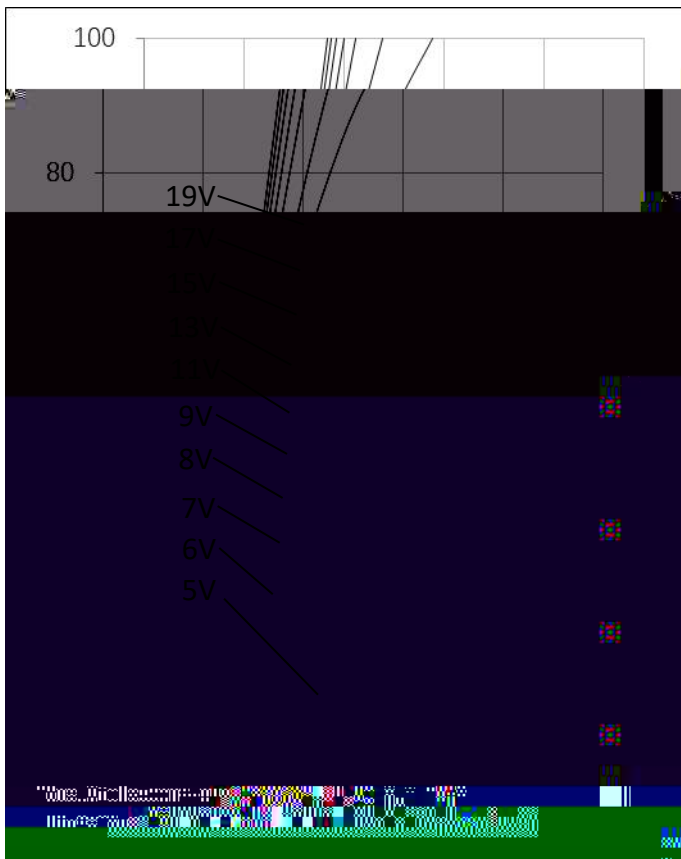
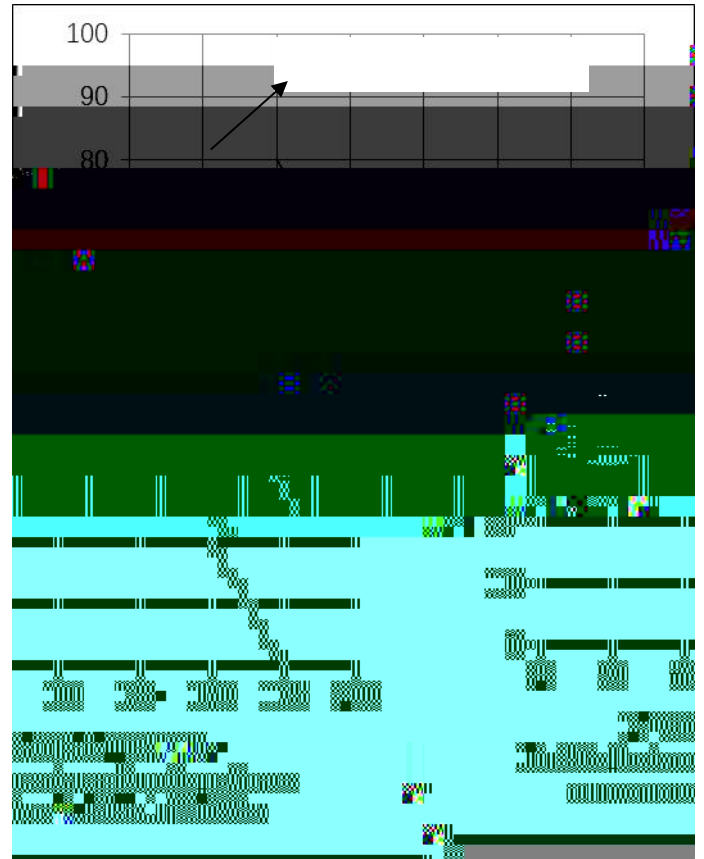
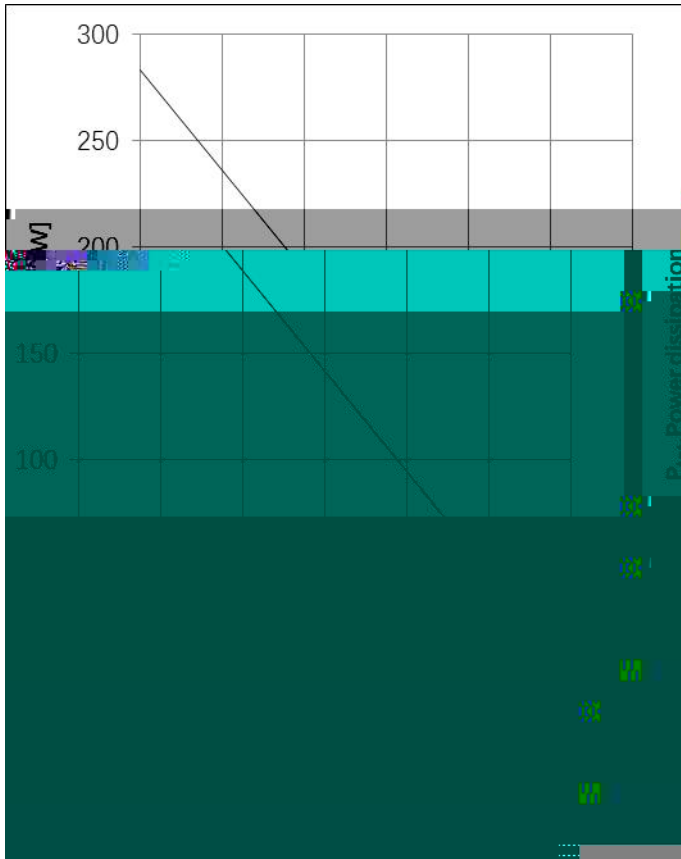
<b>Dynamic , at T<sub>j</sub>= 25</b>						
<b>Dynamic , at T<sub>j</sub>= 125</b>						
<b>Dynamic , at T<sub>j</sub>= 150</b>						

## Thermal Resistance




# DGP50N65ATS2A

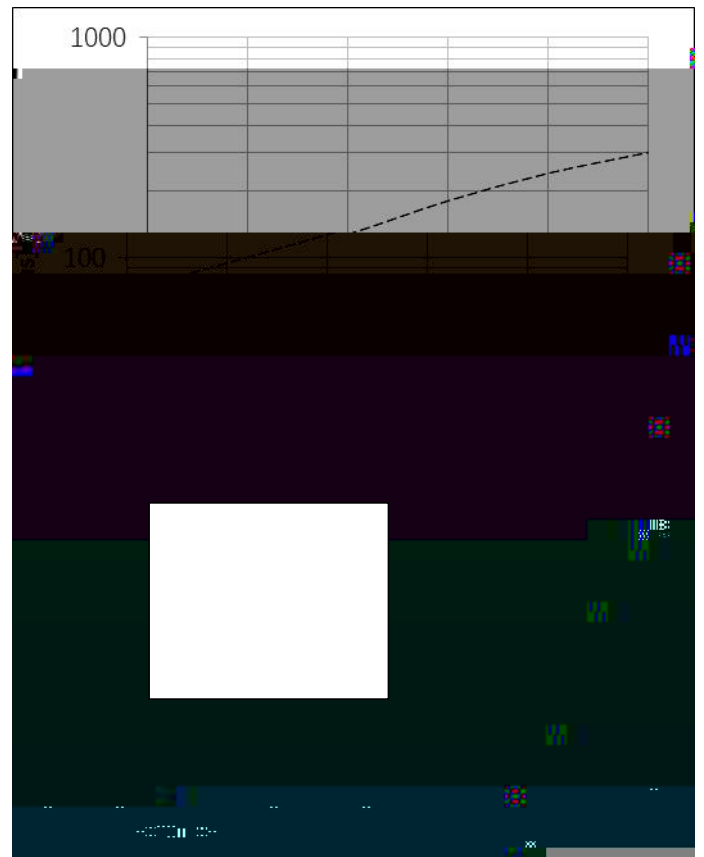
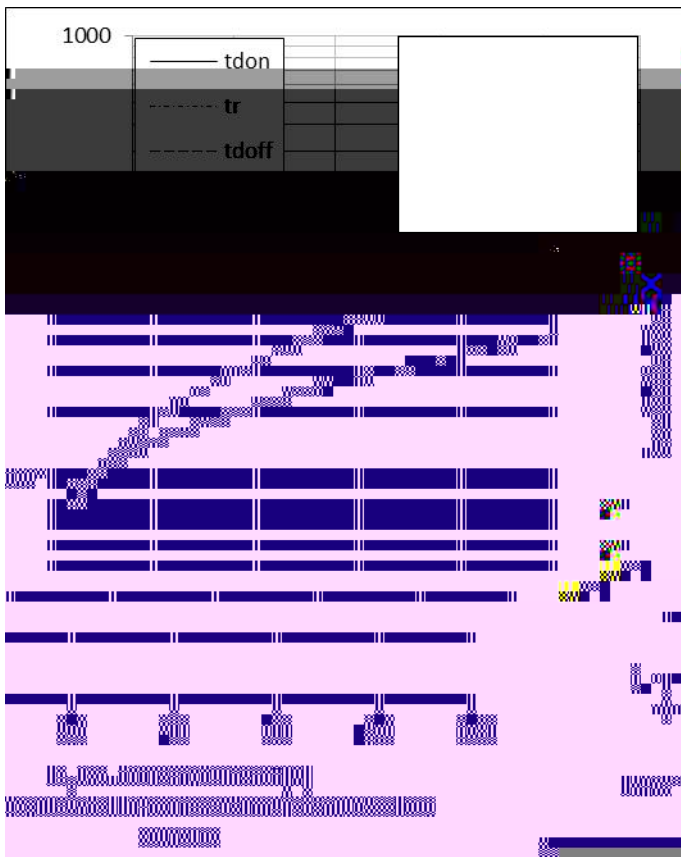
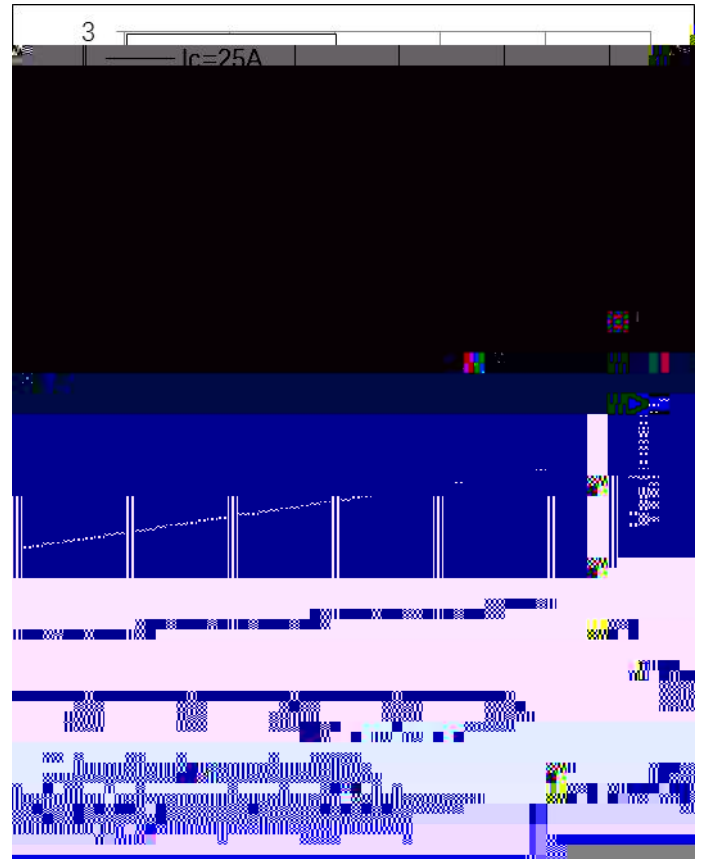
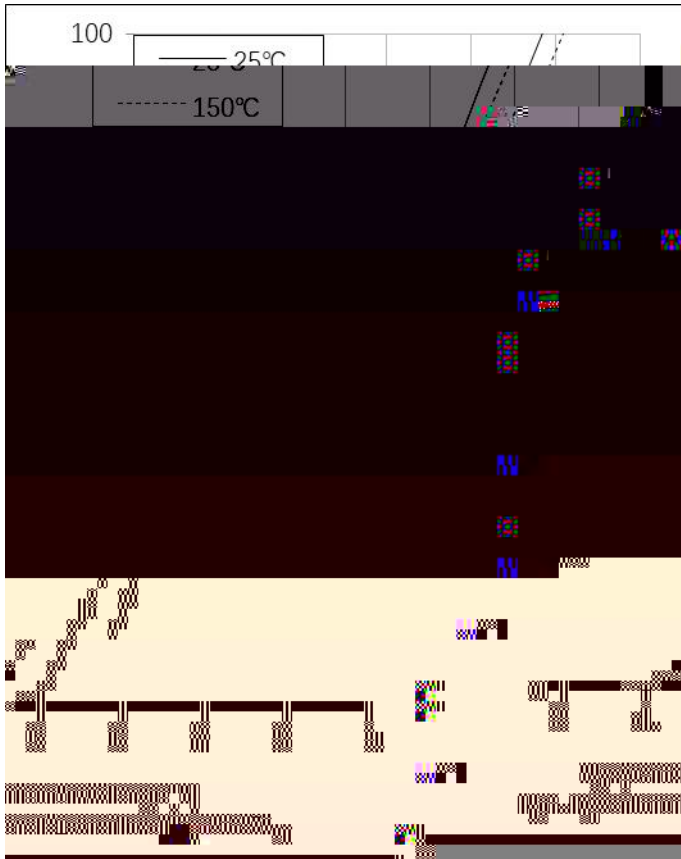
**RoHS**  
COMPLIANT





# DGP50N65ATS2A

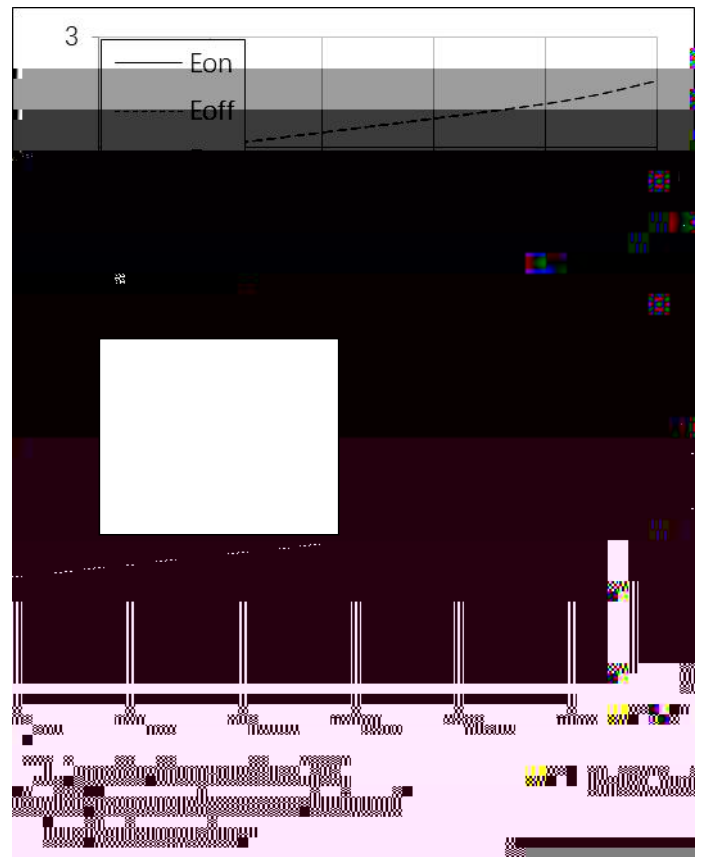
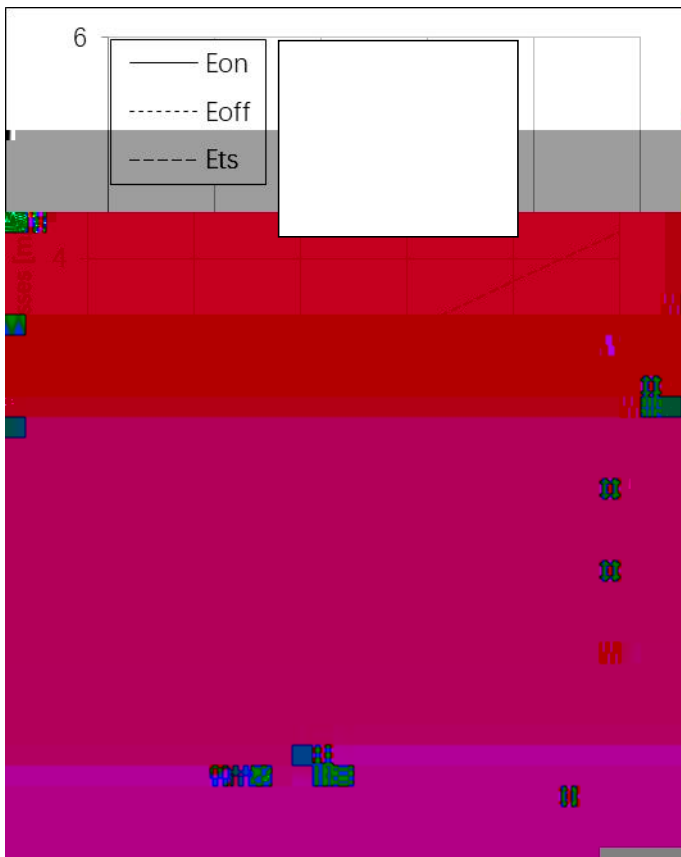
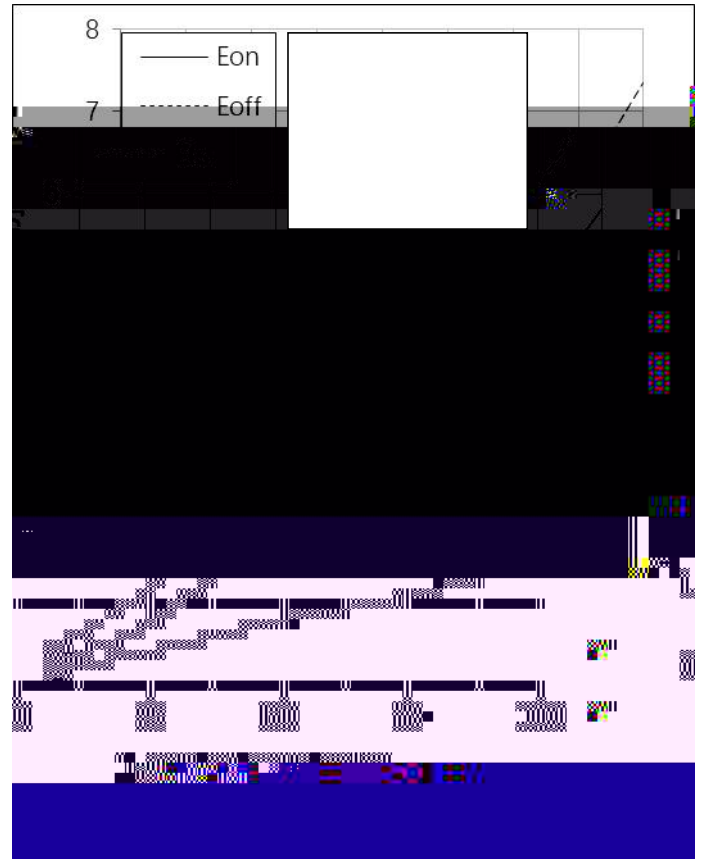
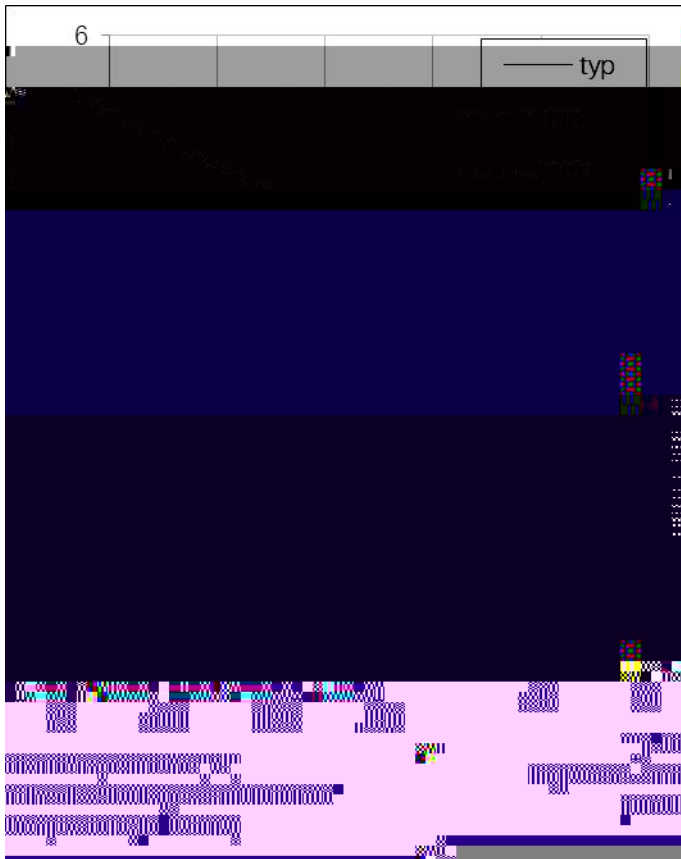
**RoHS**  
COMPLIANT

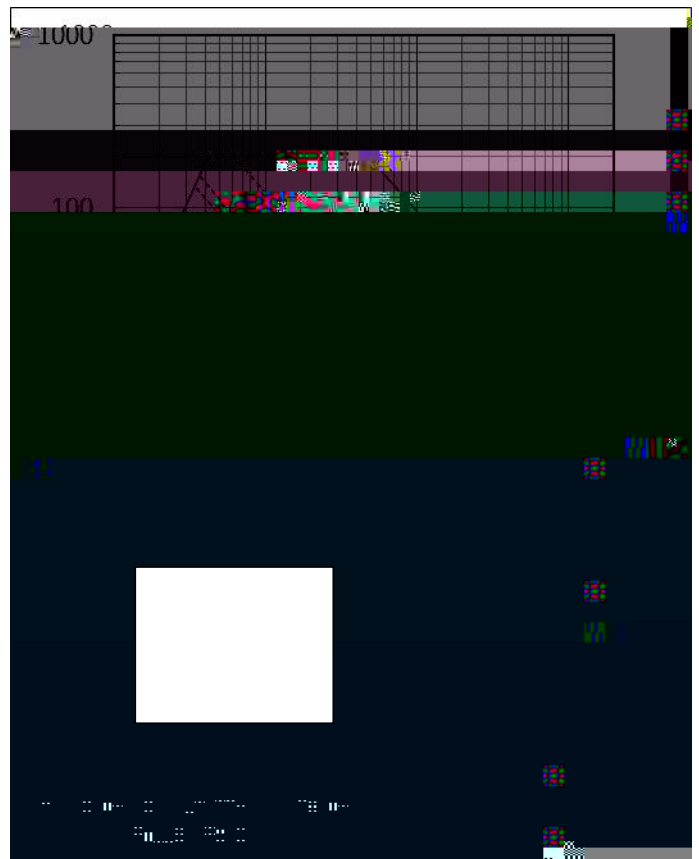
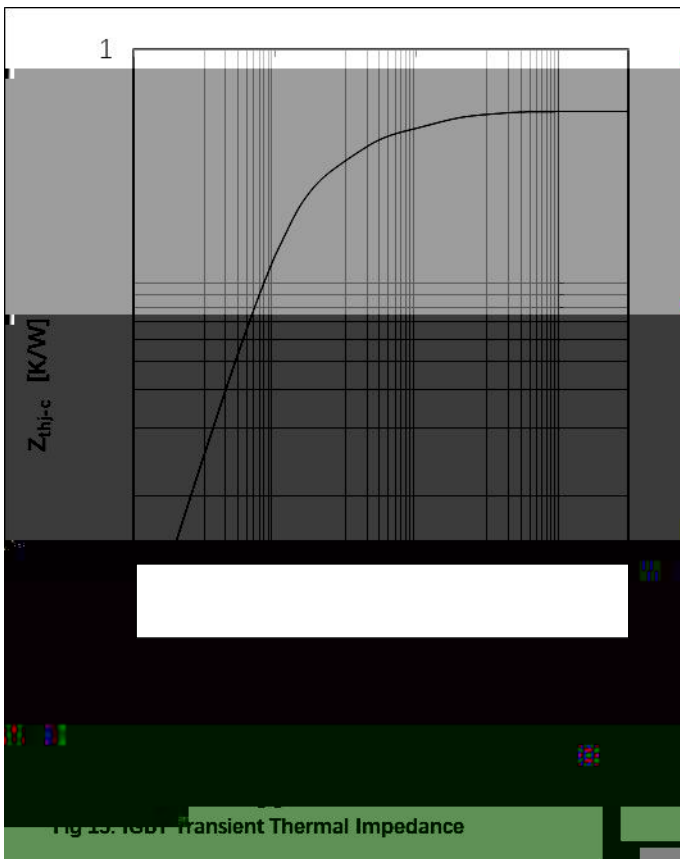
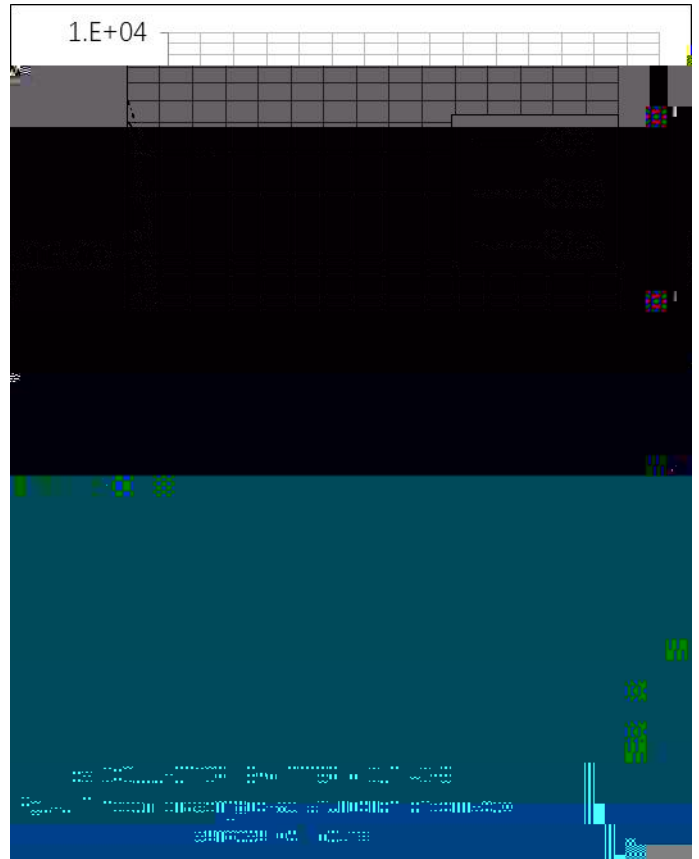
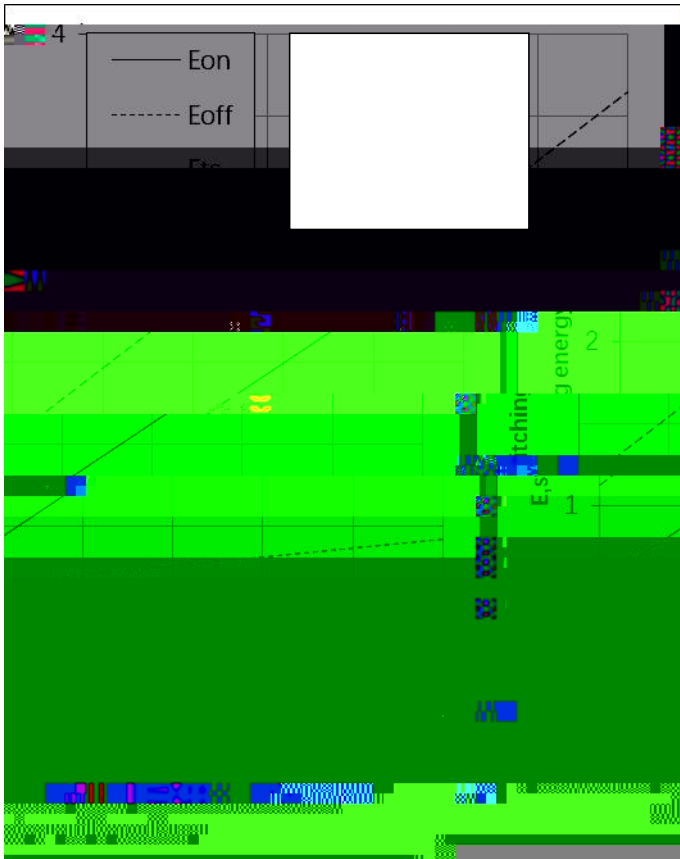




# DGP50N65ATS2A

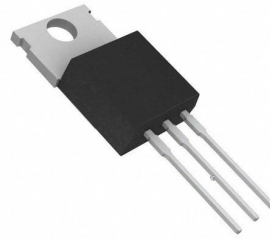
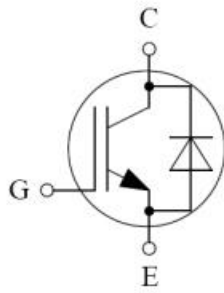
**RoHS**  
COMPLIANT



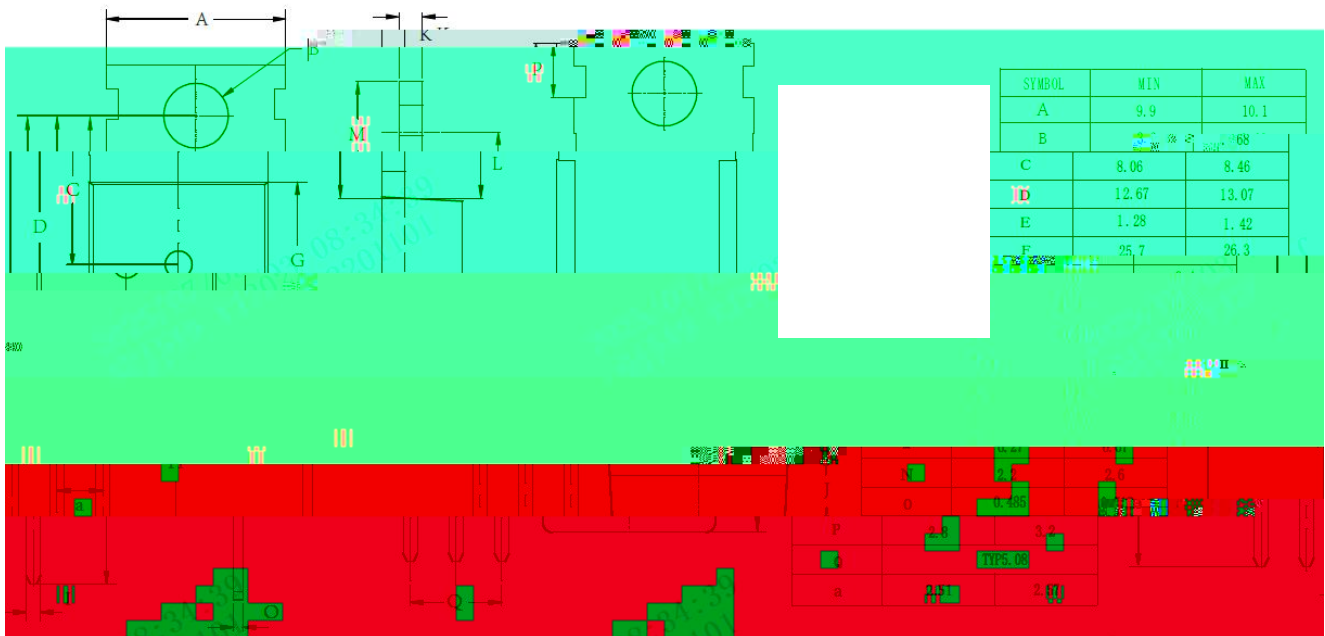




## Circuit Diagram



## TO-220 package information





**DGP50N65ATS2A**

**RoHS**  
COMPLIANT

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**Disclaimer**