SOP-8

Complementary Enhancement MOSFET in a SOP-8 Plastic Package.

N-channel

V_{DS}(V)=40V I_D=15A

$R_{DS(ON)}$@10V<9mΩ

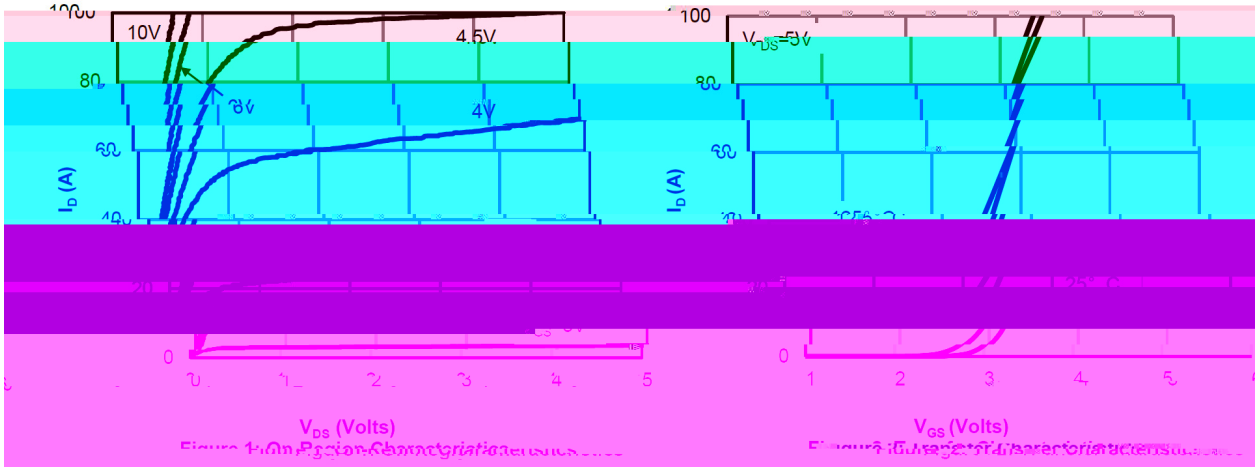
P-channel

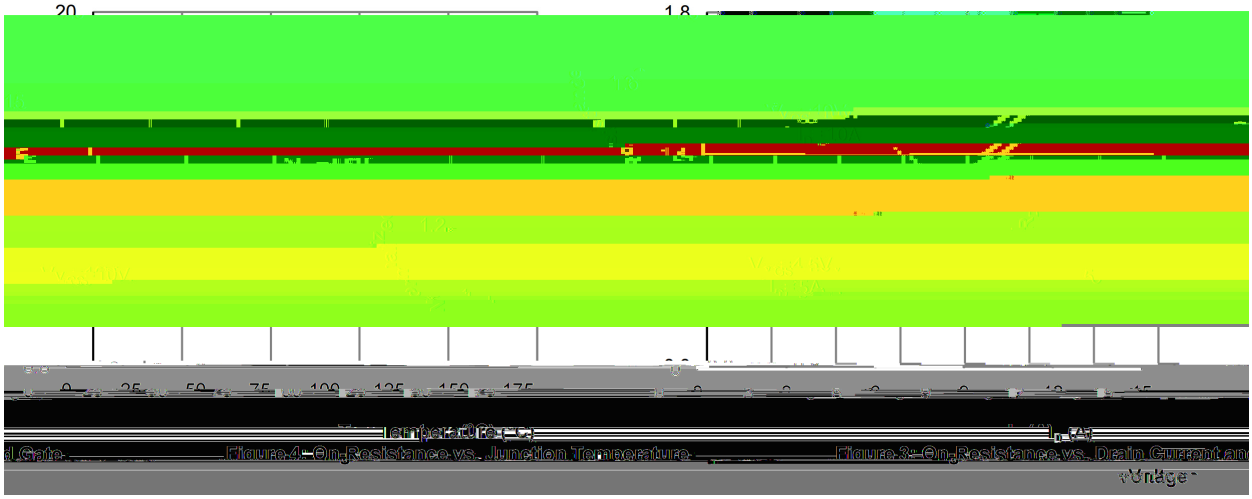
V_{DS}(V)=-40V I_D=-11A

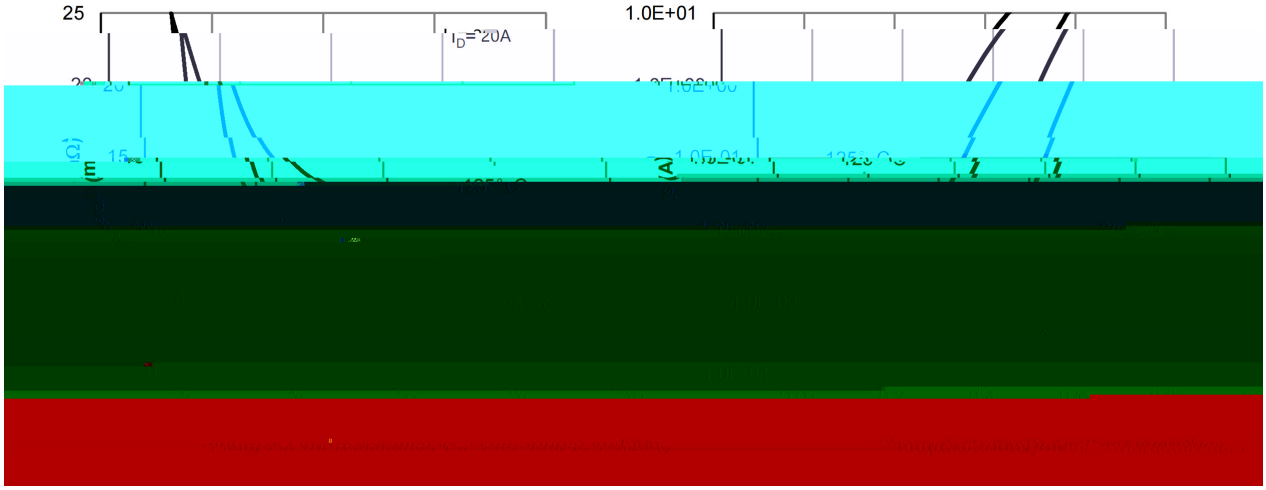
DATA SHE

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Drain-Source Breakdown Voltage	BV_{DSS}	V_{GS}=0V I_D=250μA	40	47		V
Zero Gate Voltage Drain Current BV						

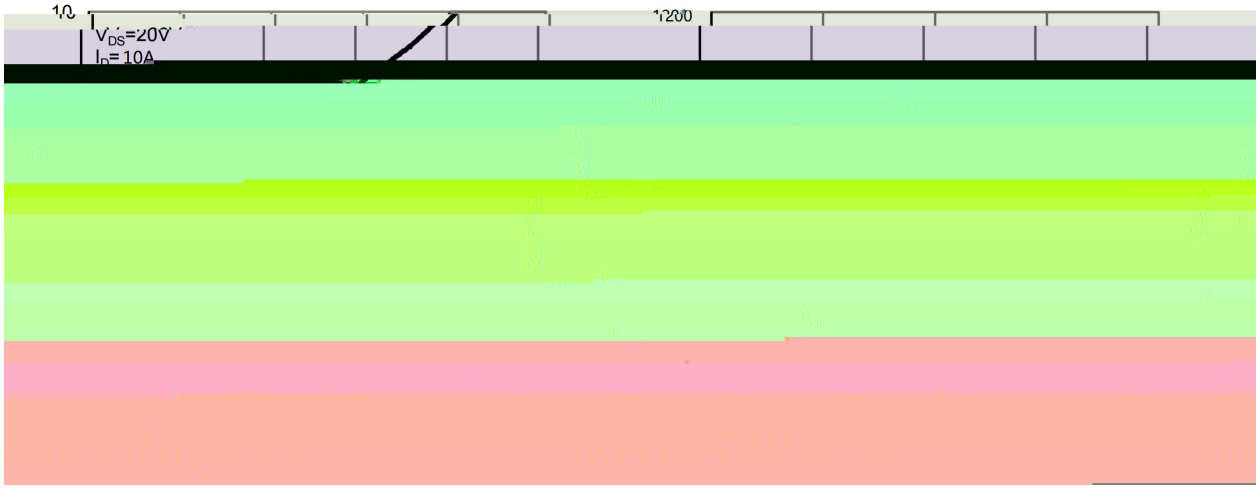
N- / N-CHANNEL Electrical Characteristic Curve

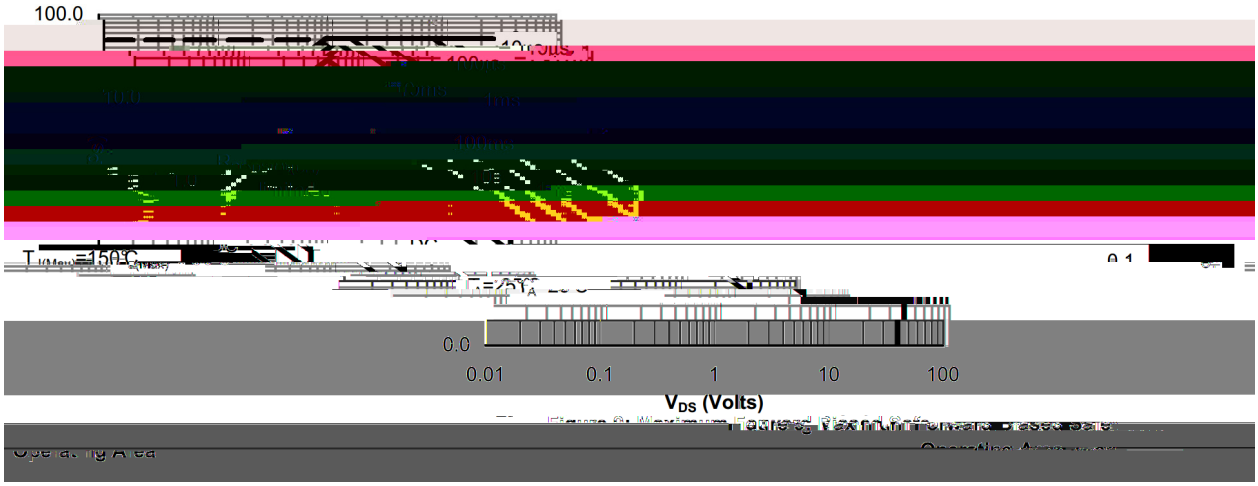


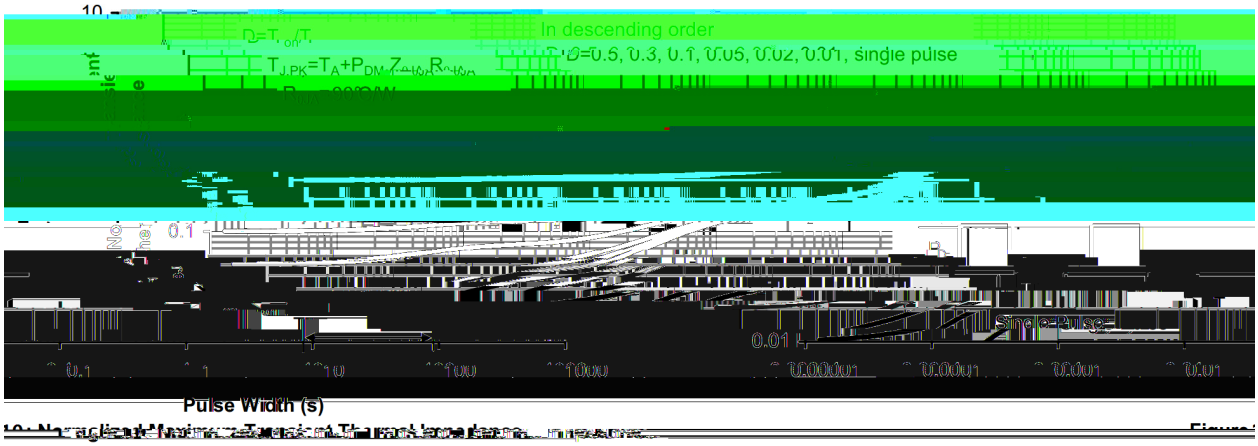




N- / N-CHANNEL Electrical Characteristic Curve

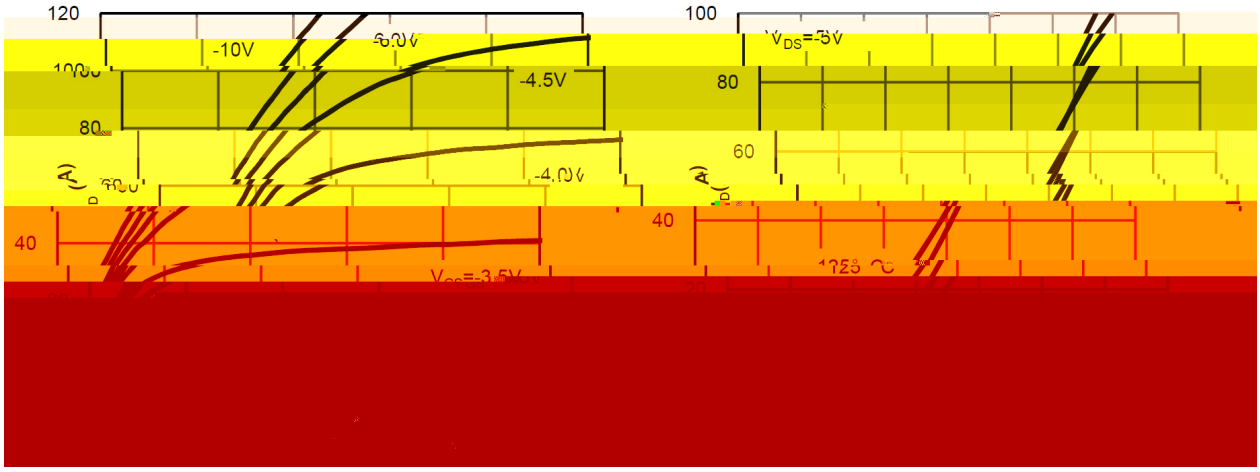


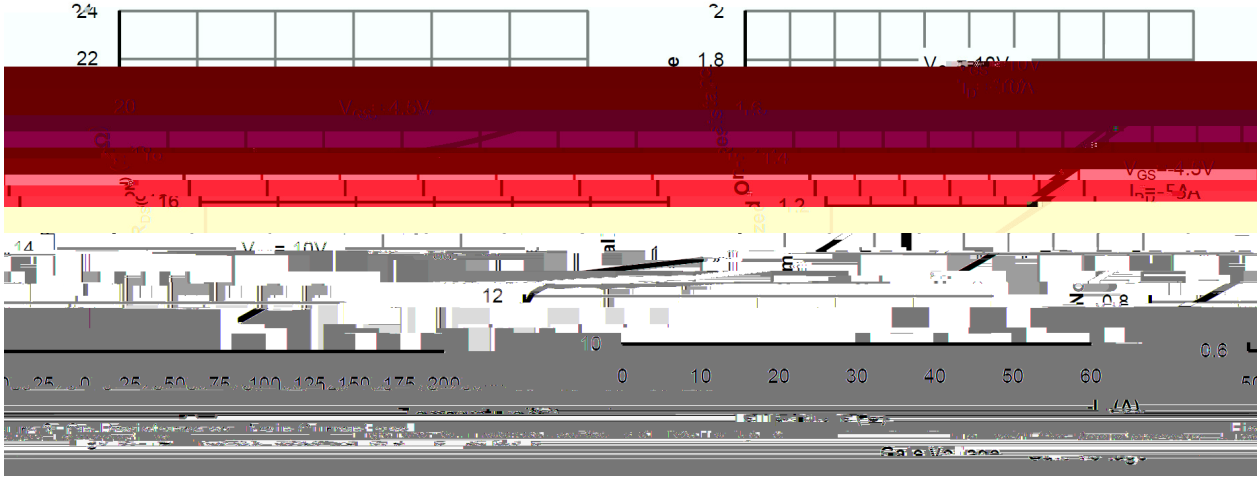




Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Drain-Source Breakdown Voltage	BV_{DSS}	V_{GS}=0V I_D=-250μA	-40	-45		V
Zero Gate Voltage Drain Current	I_{DSS}	V				

P- / P-CHANNEL Electrical Characteristic Curve





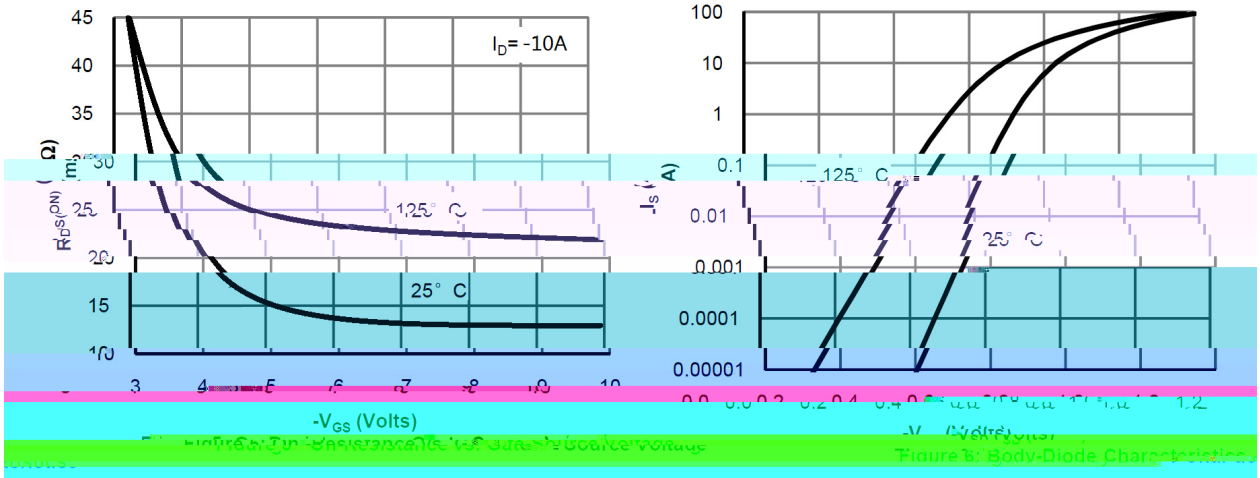
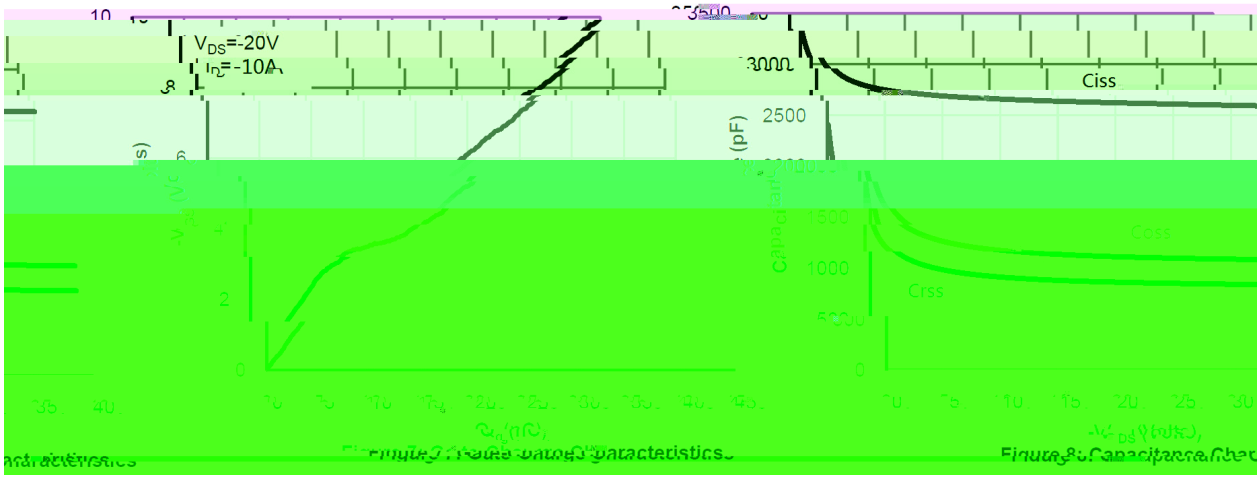
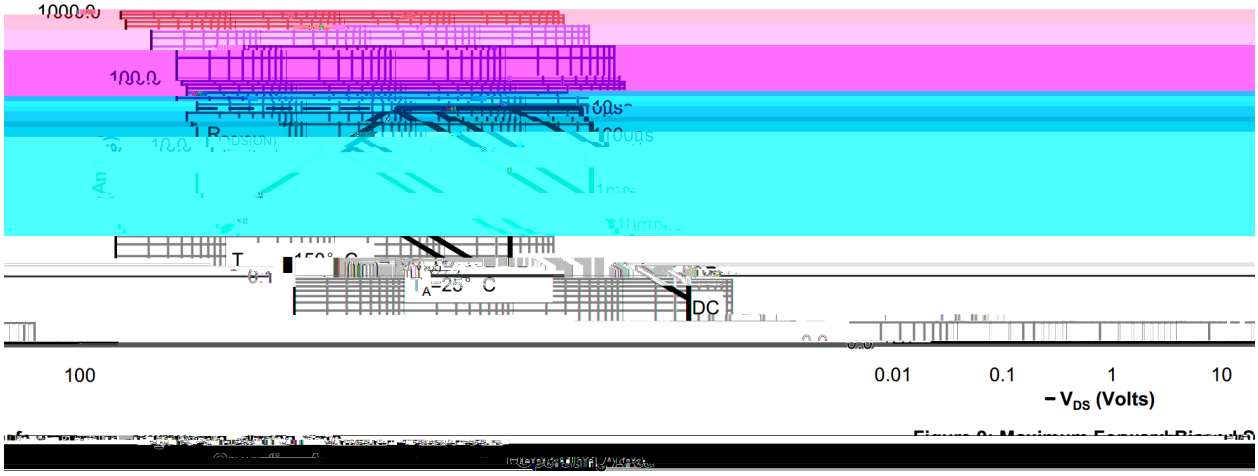


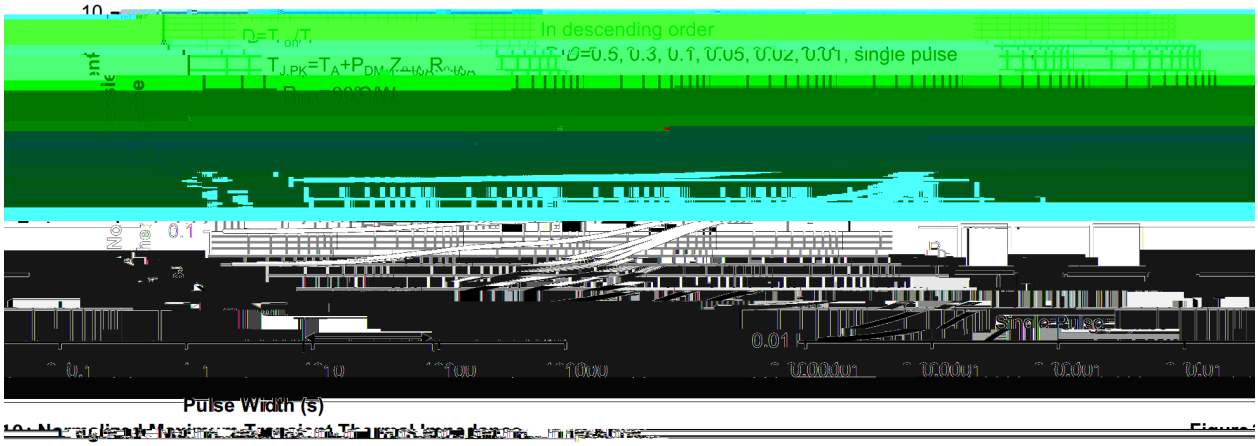
Figure 5: On-Resistance vs. Gate-to-Source Voltage

Figure 6: Body-Diode Characteristics

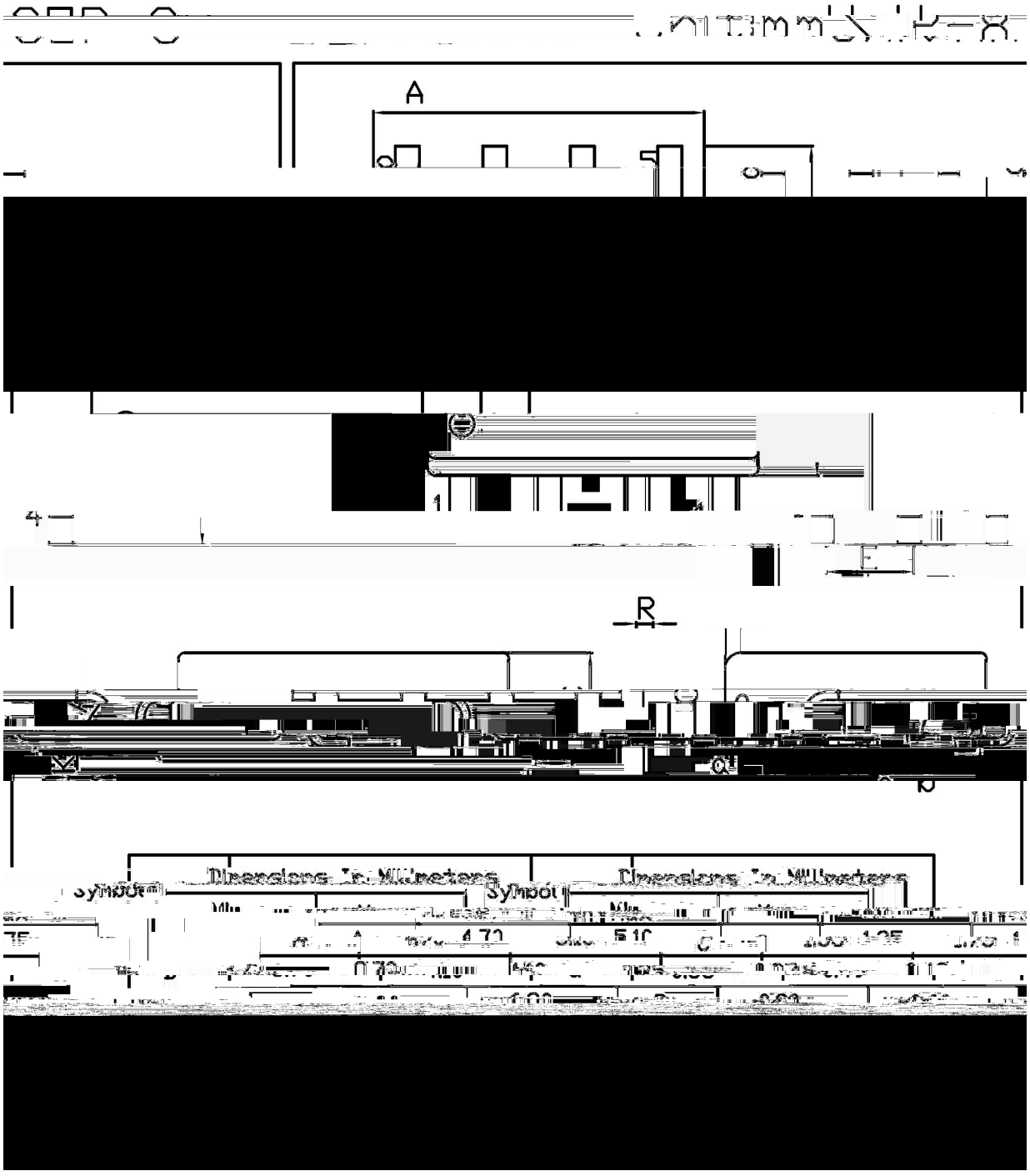
P- / P-CHANNEL Electrical Characteristic Curve



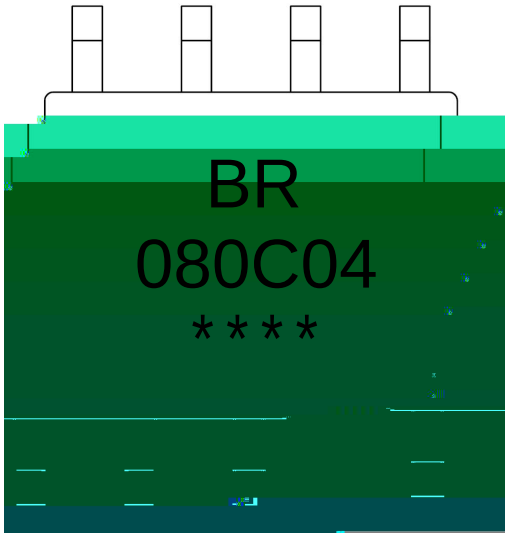




/ Package Dimensions



/ Marking Instructions



BR

080C04

****

Note:

BR:	Company Code
080C04:	Product Type
****:	Lot No. Code, code change with Lot No

( ) /
