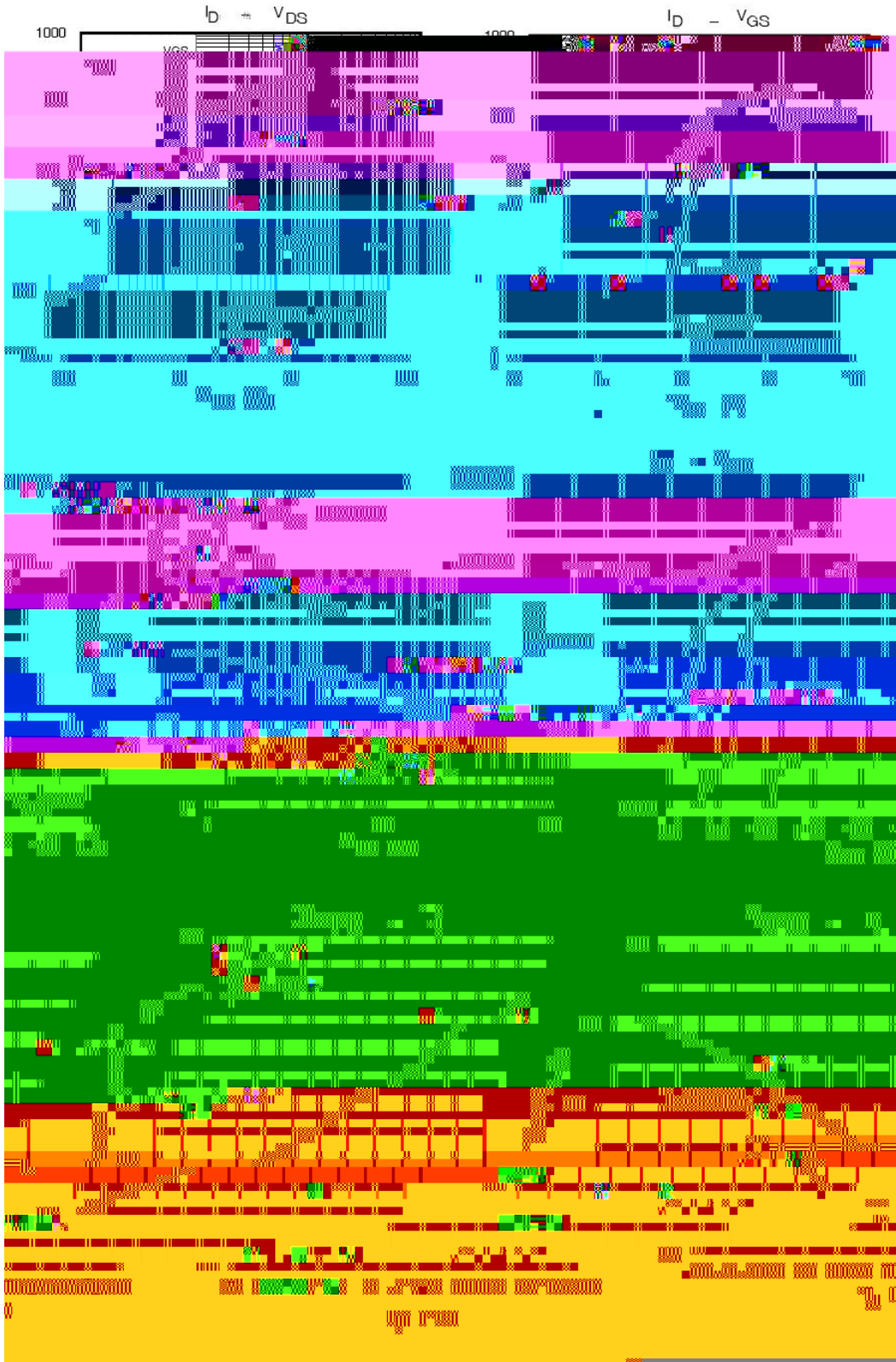


**IRFB3710**  
Rev.E May.-2016

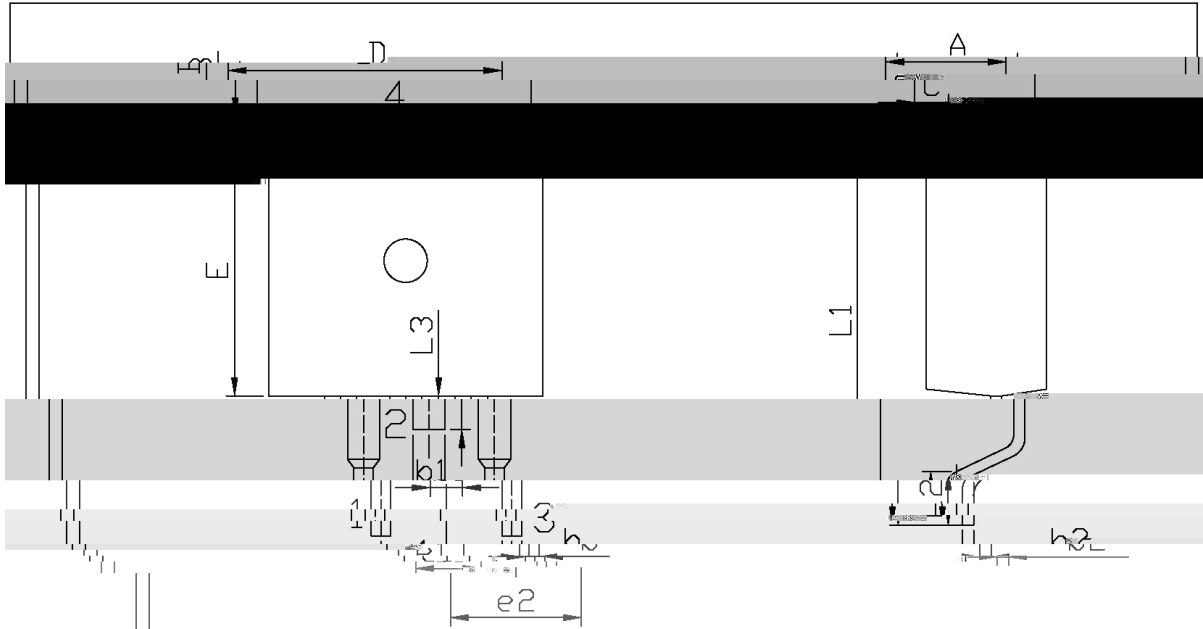
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Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DSS}$	100	V
Drain Current	$I_D(T_C=25^\circ\text{C})$	59	A
Drain Current	$I_D(T_C=100^\circ\text{C})$	42	A
Single Avalanche Current	$I_{DM}$	240	A
Gate-Source Voltage	$V_{GSS}$	$\pm 20$	V
Single Pulsed Avalanche Energy	$I_{AR}$	15	A
Single Avalanche Energy	$E_{AS}$	170	mJ
Power Dissipation	$P_D(T_C=25^\circ\text{C})$	160	W
Storage Temperature Range	$T_J, T_{STG}$	-55 to 150	
Channel to Ambient Thermal Resistance	$R_{JA}$	40	/W

/ Electrical Characteristic Curve



/ Package Dimensions



单位: m

Millimeters		Symbol		Dimensions in Millimeters		Symbol		Dimensions in	
Max	Min			Max	Min			Max	Min
9.40			A	4.30	4.70		E		9.00
2.74			B	1.00	1.40		e1		2.2



