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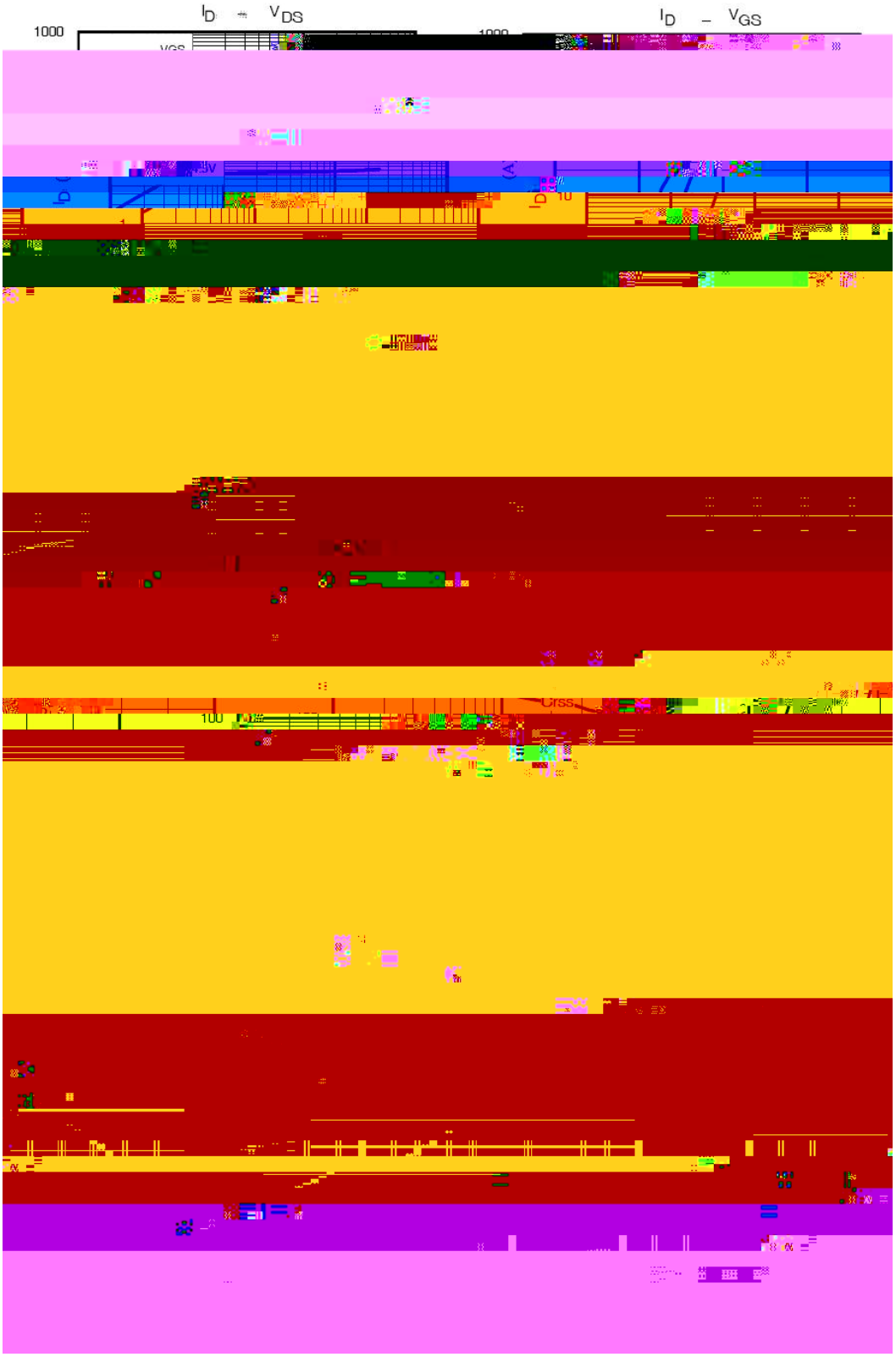
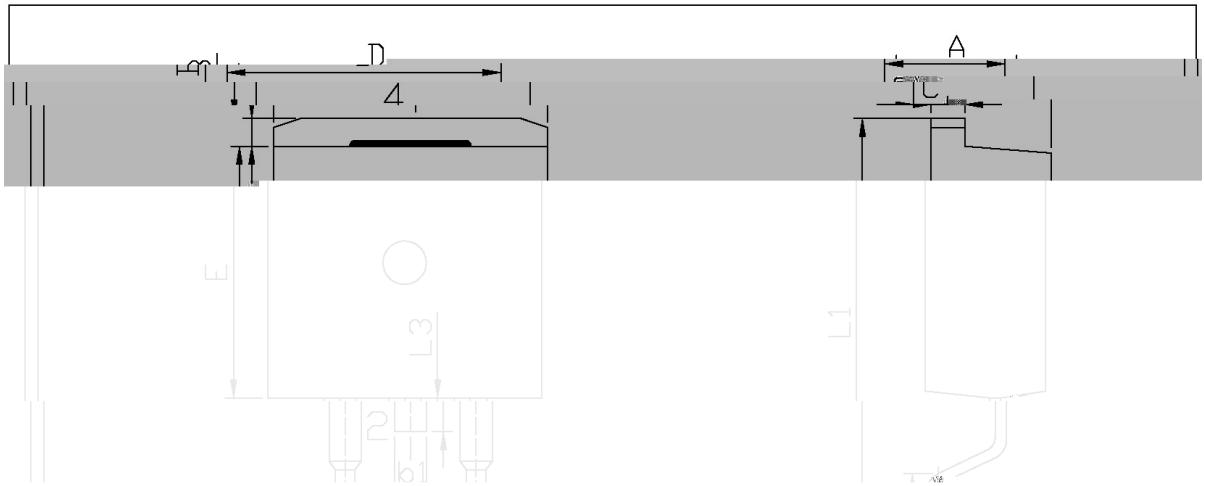
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	100	V
Drain Current	I_D(Tc=25)	59	A
Drain Current	I_D(Tc=100)	42	A
Single Avalanche Current	I_{DM}	240	A
Gate-Source Voltage	V_{GSS}	±20	V
Single Pulsed Avalanche Energy	I_{AR}	15	A
Single Avalanche Energy	E_{AS}	170	mJ
Power Dissipation	P_D(Tc=25)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

/ Electrical Characteristic Curve



/ Package Dimensions



Max		Min	Max		Min
9.40		A 4.30	4.70	E	9.00
2.74		b	1.30	1.40	e1	2.34
15.00	16.00	b1	1.15	1.35	L1	
		D	9.80	10.20		

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