

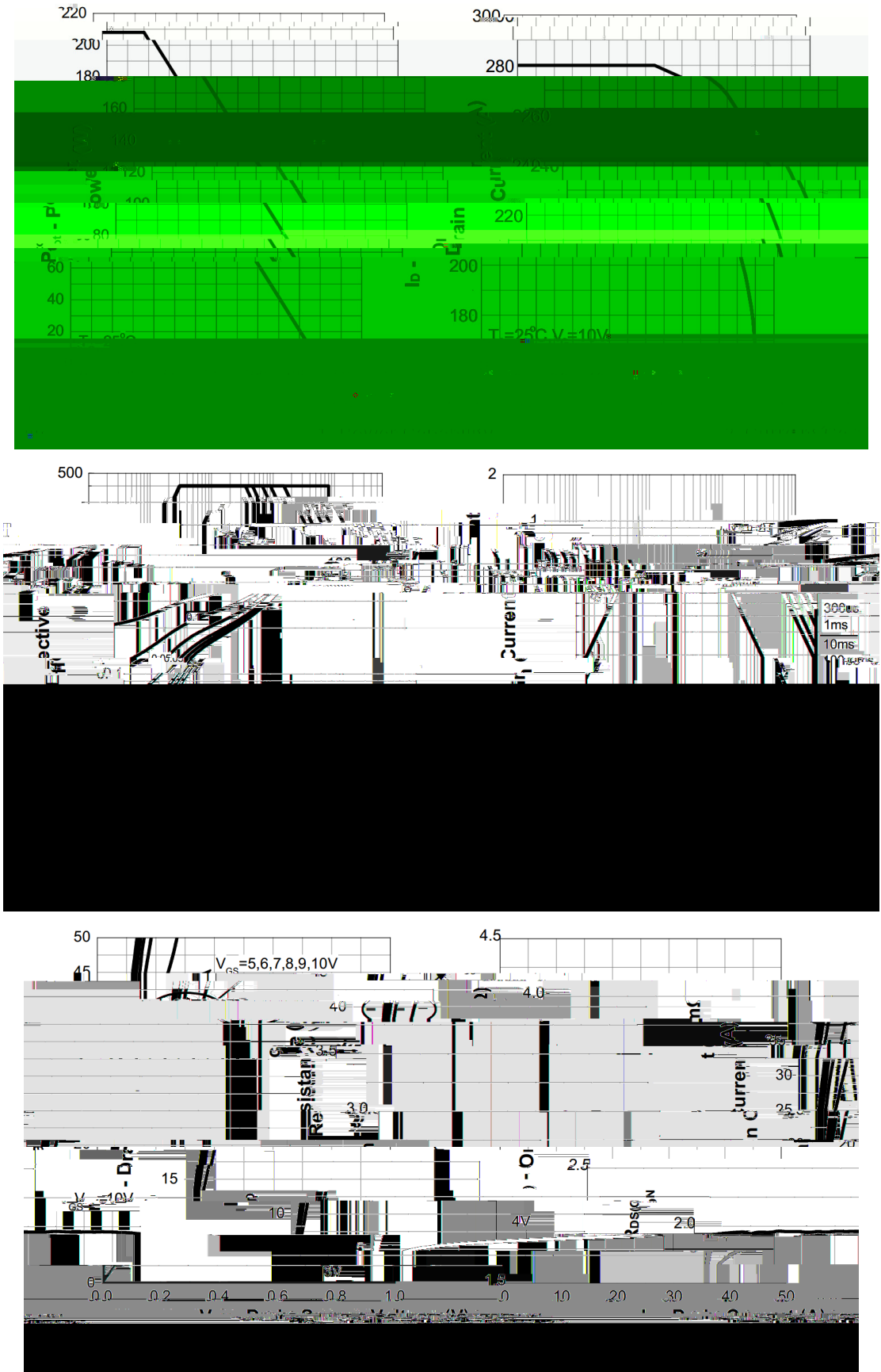
/

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V		

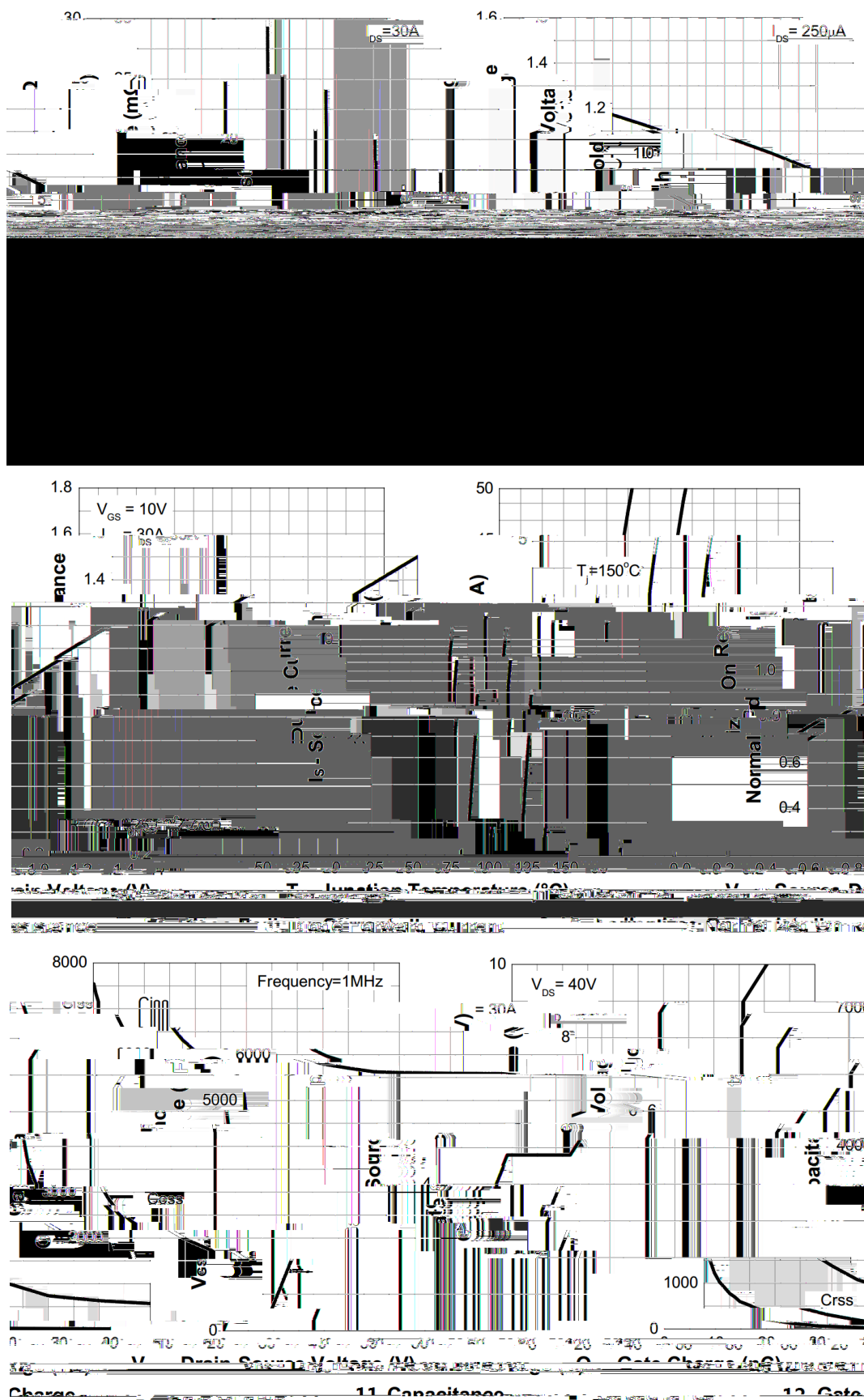

/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=10V$ $V_{DS}=40V$ $R_L=1.3$ $R_G=4.5$ $I_{DS}=30A$		32		ns
Turn-On Rise Time	t_r			115		
Turn-Off Delay Time	$t_{d(off)}$			93		
Turn-Off Fall Time	t_f			140		
Reverse Recovery Time	t_{rr}	$I_{DS} = 30 A, V_{GS} = 0 V$ $dI_{SD}/dt = 100 A/s$		80		nS
Reverse Recovery Charge	Q_{rr}			196		nC

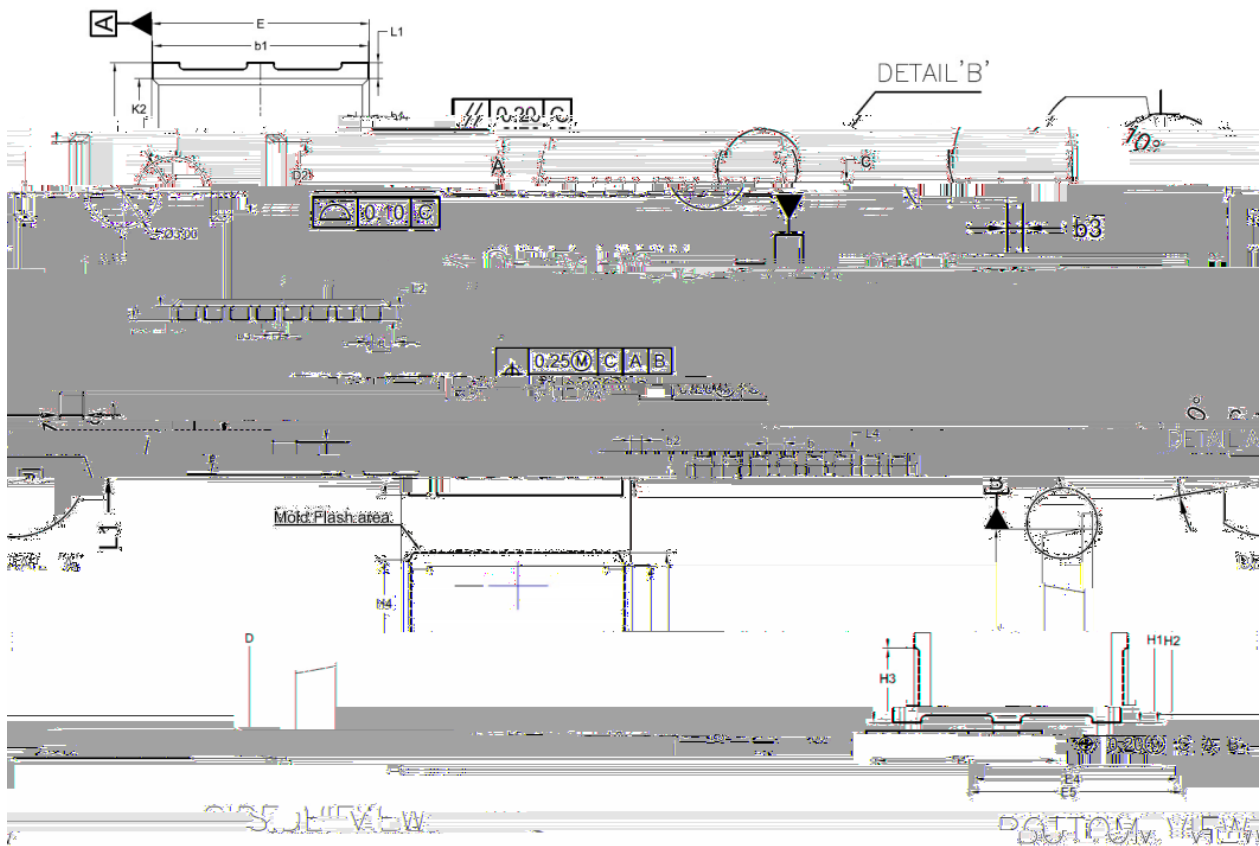
/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

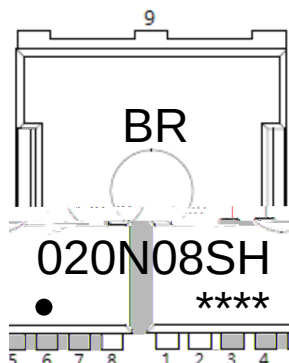


/ Package Dimensions



A	2.200	2.300	2.400	b1	9.700	9.800	9.900
c	0.492	0.500	0.508	b1	0.420	0.460	0.500
D	10.280	10.380	10.480	b3	0.350		
E	9.800	9.900	10.000	b4	0.600		
e	1.20 BSC			b5	3.100		
H	11.580	11.680	11.780	b6	1.200		
H1	6.650	6.750	6.850	L	1.700	1.900	2.100
H2	7.300			L1	0.700		
H3	3.200			L2	0.600		
H4	3.800			L4	1.050	1.150	1.250
K1	4.180			L5	0.500	0.600	0.700
K2	2.900			E1	7.800		
D2	3.300			E4	8.800		
b	0.700	0.800	0.900	E5	9.200		

/ Marking Instructions



BR

020N08SH

Note

BR Company Code

020N08SH Product Type Code

****: Lot No. Code, code change with Lot No

