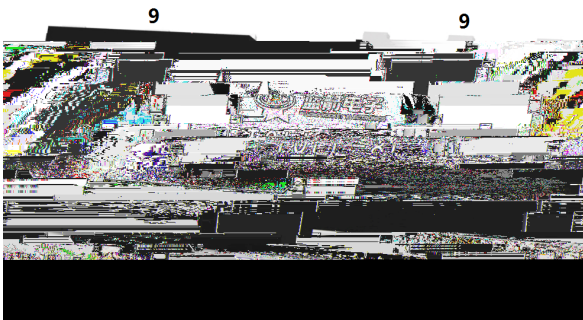
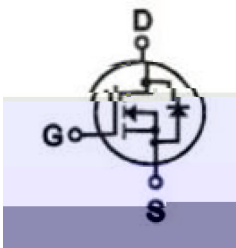


N-Channel MOSFET in a TOLL-8L Plastic Package .





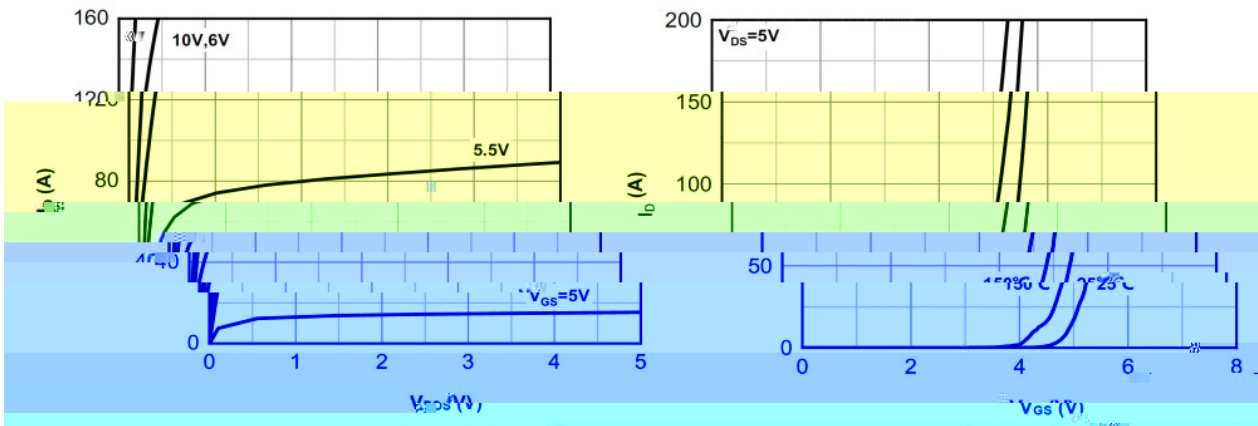


Figure 2 Transfer characteristics

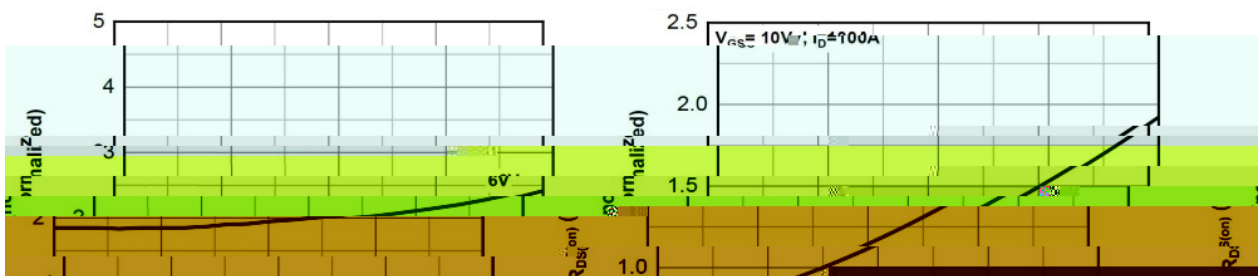


Figure 3 On-resistance characteristics

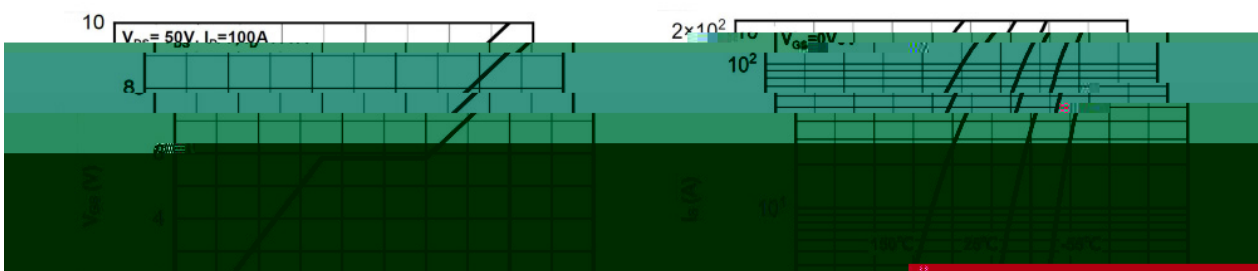


Figure 4 Power dissipation characteristics

Figure 5 shows the typical switching characteristics of the MOSFET. The left graph shows the turn-on and turn-off waveforms for  $V_{GS} = 10V$  and  $V_{DS} = 10V$ . The right graph shows the turn-on and turn-off waveforms for  $V_{GS} = 10V$  and  $V_{DS} = 5V$ . Both graphs show  $V_{GS}$  (V) on the y-axis and  $V_{DS}$  (V) on the x-axis.

Figure 5 Typical switching characteristics

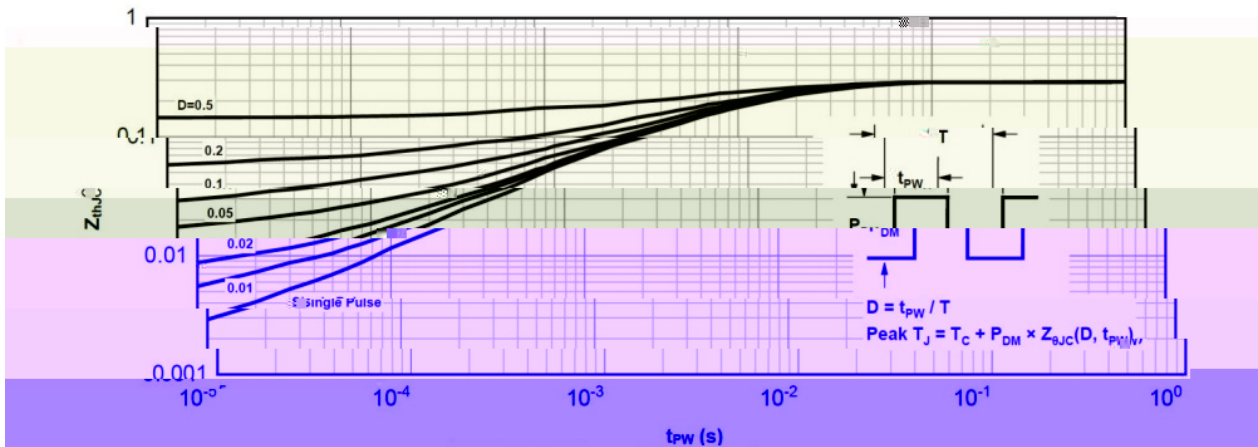
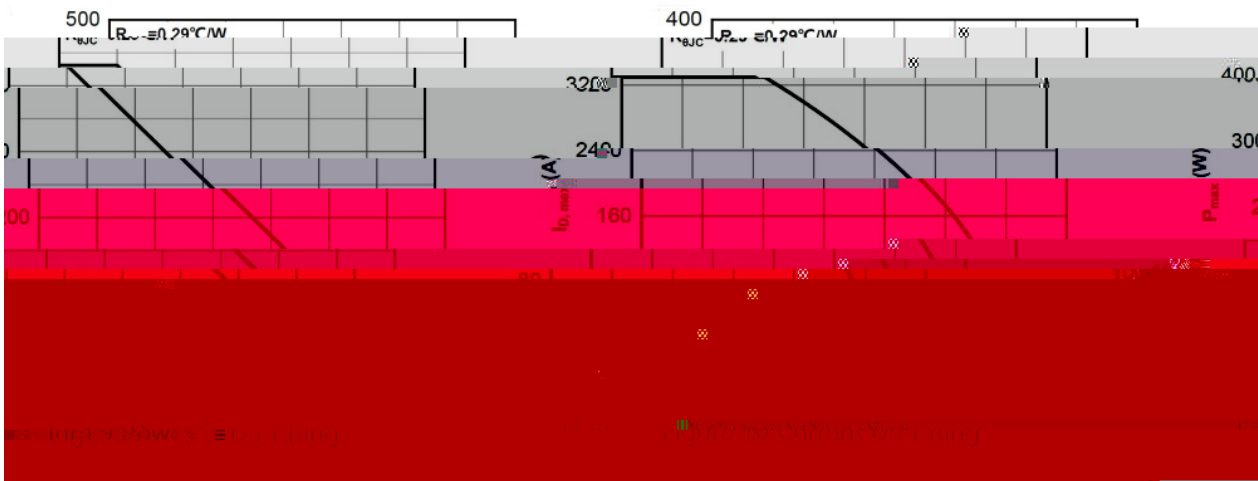
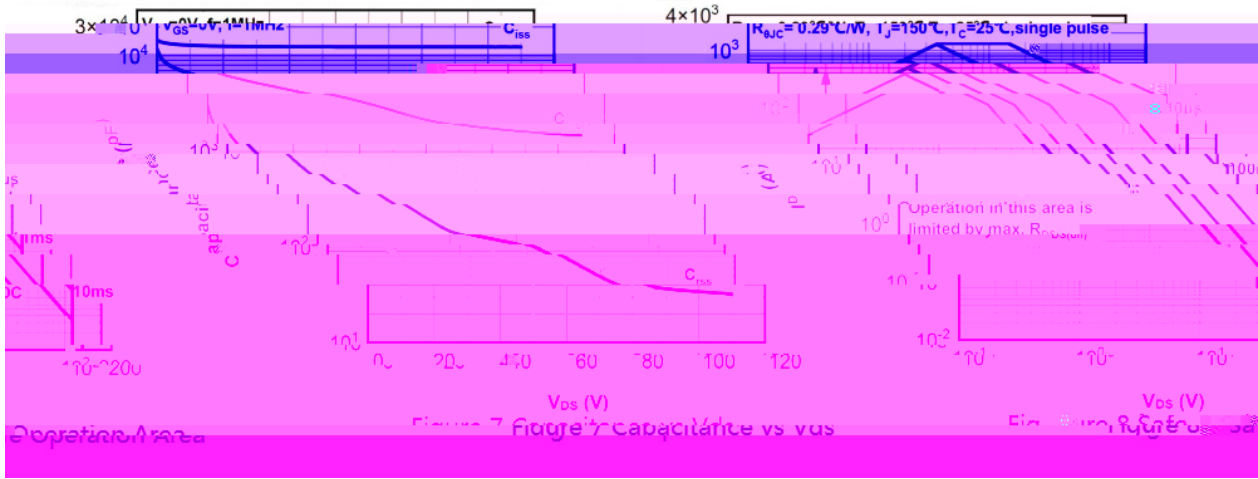
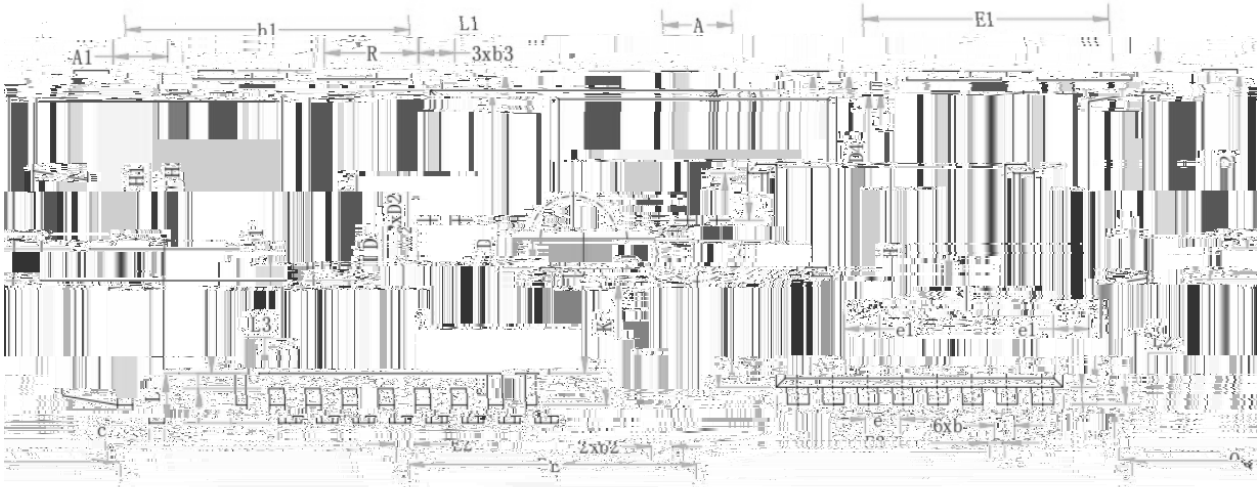


Figure 11: Maximum Transient Thermal Impedance



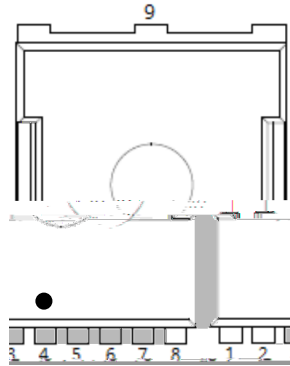
View

Top View

Bottom



Symbol	Min	Typ	Max	Symbol	Min	Typ	Max
A	2.25	2.30	2.35	E1	8.00	8.10	8.20
A1	1.75	1.80	1.85	E2	0.65	0.70	0.75
b	0.65	0.70	0.75	H1	11.60	11.70	11.80
b1	9.75	9.80	9.85	H2	6.95	7.00	7.05
b2	0.70	0.75	0.80	H3	3.90	3.95	4.00
b3	1.15	1.20	1.25	L	1.55	1.60	1.65
b4	0.55	0.60	0.65	L1	0.65	0.70	0.75
D	10.35	10.40	10.45	L2	0.50	0.55	0.60
D1	11.00	11.10	11.20	L3	0.40	0.45	0.50
D2	3.25	3.30	3.35	L4	0.35	0.40	0.45
D3	4.50	4.55	4.60	L5	0.30	0.35	0.40
D4	4.50	4.55	4.60	L6	0.30	0.35	0.40
e	1.20	1.25	1.30	L7	0.30	0.35	0.40



BR

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### Temperature Profile for IR Reflow Soldering(Pb-Free)


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