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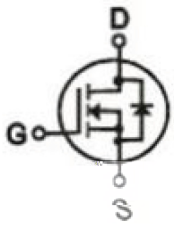

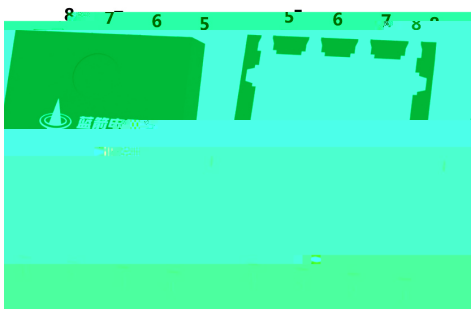

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2	S
3	S
4	G
5	D
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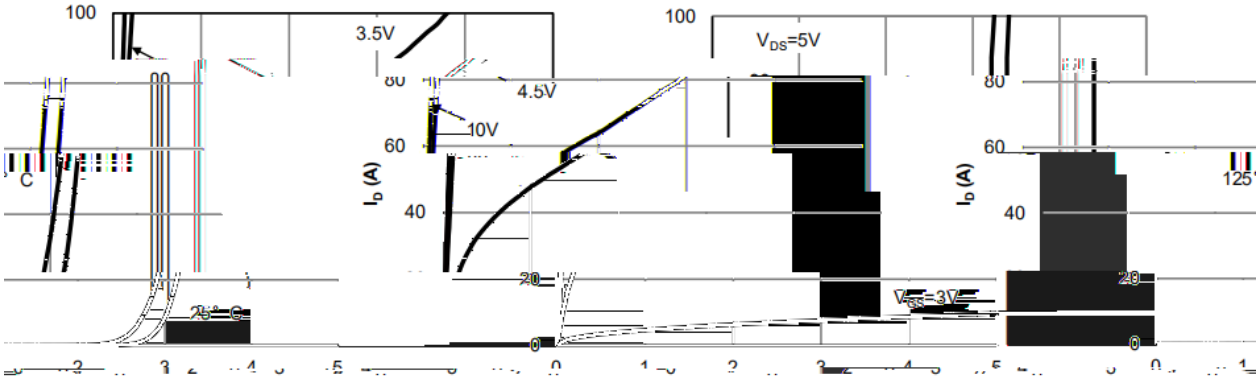
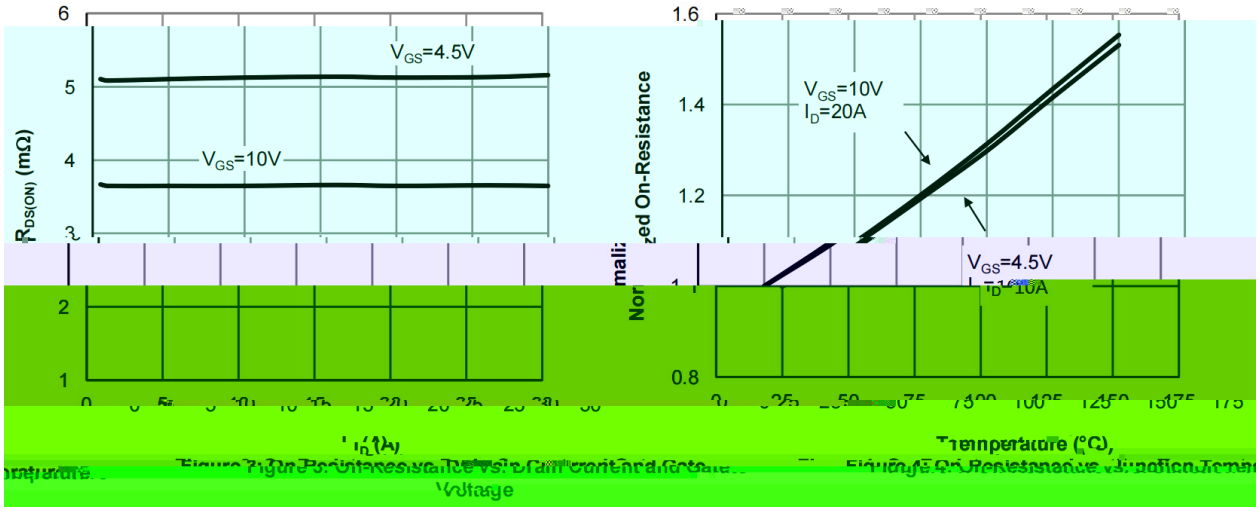
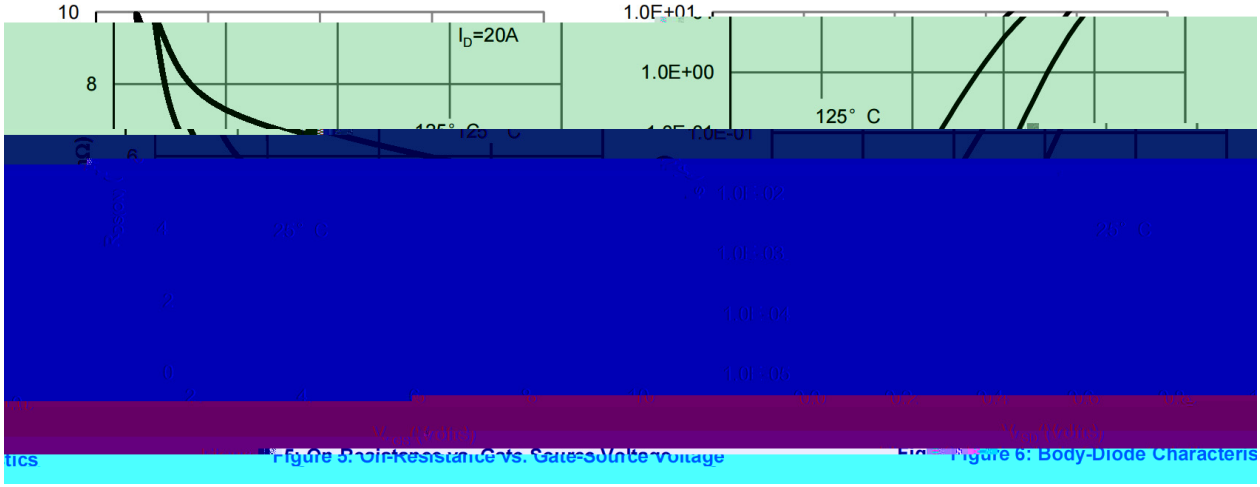


Figure 2: Transfer Characteristics

Figure 1: On-Region Characteristics





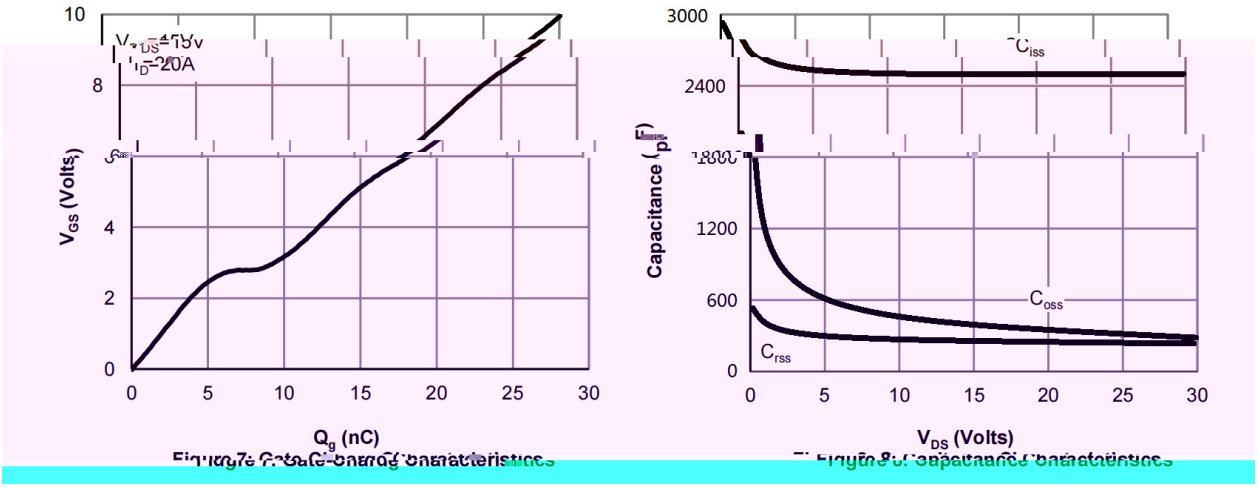


Figure 7: Gate-Charge Characteristics

Figure 8: Capacitance Characteristics

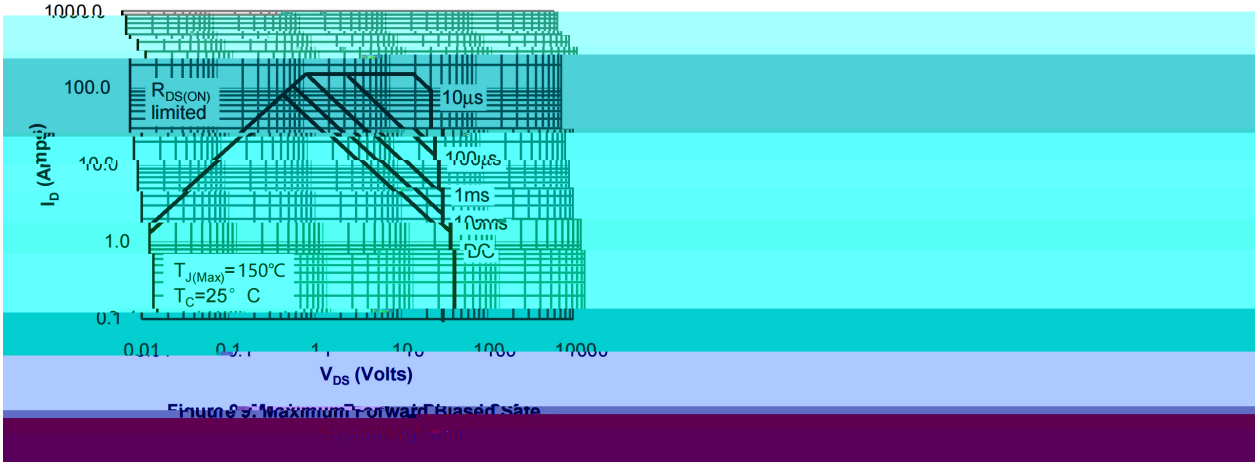


Figure 9: Maximum Forward Biased Safe Operating Area (Note F)

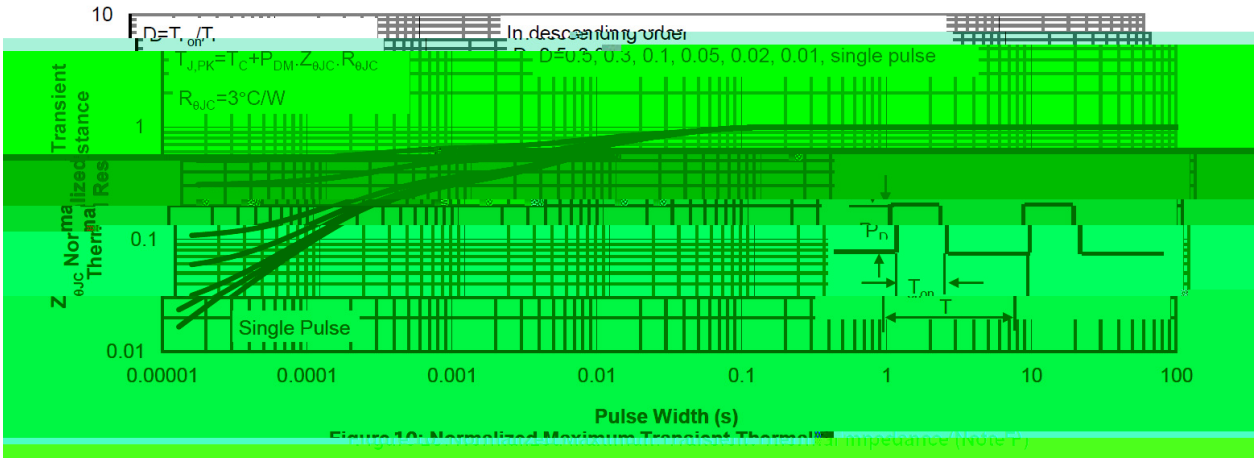
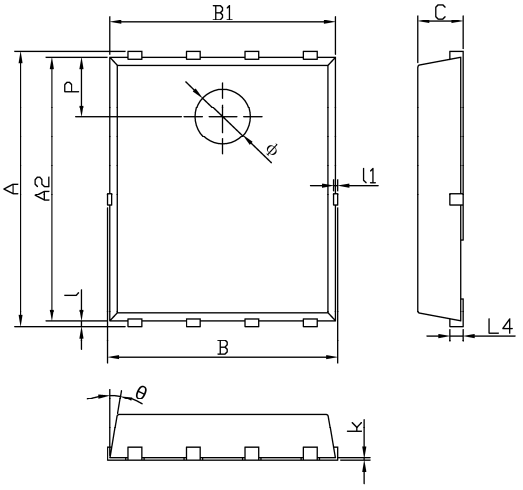


Figure 10: Normalized Maximum Transient Thermal Impedance (Note F)

PDFN5X6

Unit:mm



Dimensions In Millimeters			
Symbol	MIN	TYP	MAX
A	5.90	6.00	6.10
a	3.91	4.01	4.11
A2	5.70	5.75	5.80
B	4.90	5.00	5.10
b	3.375	3.475	3.575
B1	4.80	4.90	5.00
C	0.90	0.95	1.00
L	0.30	0.40	0.50
l	0.06	0.13	0.20
L1	1.10	–	–
l1	–	–	0.10
L2	1.17	1.27	1.37
L4	0.21	0.26	0.34
L6	0.51	0.61	0.71
L7	0.51	0.61	0.71
P	1.15	1.30	1.45
k	0.00	–	0.05
θ	8°	10°	12°
Φ	1.10	1.20	1.30

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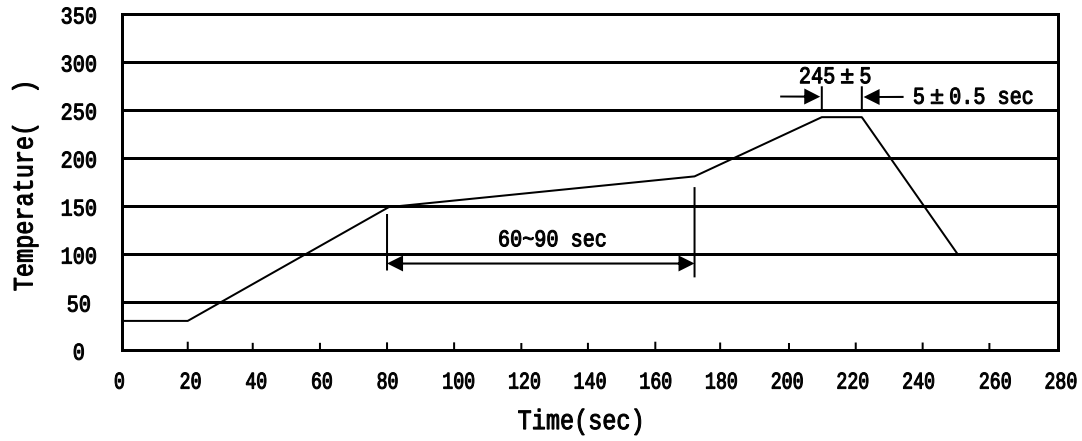
Temperature Profile for IR Reflow Soldering(Pb-Free)